Rayne Nutrition™

Product Catalog

2025 Edition

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Our Philosophy

Our Whole Food Philosophy is based in the data that less-processed (aka "whole food") ingredients are the key to making foods that increase the quality and length of a pet's life.

Dogs and cats have certain nutrients they need every day to meet their needs, promote their health, and improve their longevity. Where those nutrients come from matters. When the nutrients in a diet are provided individually through supplements and additives, the pet misses out on all of the many interactions between the food constituents in whole food.[1]

When consuming whole foods, these interactions are significant and provide superior health benefits.

—

1. Jacobs DR, Gross MD, Tapsell LC. Food synergy: an operational concept for understanding nutrition. Am J Clin Nutr 2009; 89 (suppl):154S-8S.

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Dry Diets

Rayne Nutrition™

Rayne Nutrition Canine Diets

- Veterinary exclusive therapeutic nutrition
- Made with whole food, minimally processed ingredients
- Formulated by a team of veterinary nutrition experts
- 100% guaranteed for palatability and quality

Extruded Dry Kibble
Packaging: Stay-Fresh Bag

Pâté
Packaging: BPA-

ADVERSE FOOD REACTIONS | Novel Protein

Diets in this category are all indicated to manage dogs with suspected or confirmed adverse food reactions (dermatological or gastrointestinal).

KANGAROO-DIAG#
SHORT-TERM FEEDING ONLY
DIAGNOSTIC# | Kangaroo

LOW FAT KANGAROO-MAINT
LOW FAT KANGAROO-MAINT QUINOA
LOW KANGARO ANCIENT
PROTEIN | Kangaroo

RABBIT-DIAG#
SHORT-TERM FEEDING ONLY
DIAGNOSTIC# | Rabbit

RABBIT-MAINT
RABBIT-MAINT QUINOA
PROTEIN | Rabbit

ECODERM-BSFL
PROTEIN | Insect-Based

PLANT-BASED
PROTEIN | Plant-Based (No Animal Protein)

FAT INTOLERANCE

Acute or Chronic Pancreatitis

LOW FAT KANGAROO-MAINT
LOW FAT KANGAROO-MAINT QUINOA
LOW FAT KANGAROO-MAINT ANCIENT GRAINS
PLANT-BASED
SKIN RELIEF

Hyperlipidemia, Protein-Losing Enteropathy, Lymphangiectas

LOW FAT KANGAROO-MAINT
LOW FAT KANGAROO-MAINT QUINOA
LOW FAT KANGAROO-MAINT ANCIENT GRAINS

CANINE DIET GUIDE | Key

Free Can

Chunky Stew
Packaging: Lightweight Carton

Freeze-Dried
Packaging: Stay-Fresh Bag

Protein-Aligned Treats
Packaging: Stay-Fresh Bag

Protein-Aligned Fresh Rolls
Packaging: Shelf Stable Wrap

FAT
O-MAINT
GRAINS

sia

ATOPIC DERMATITIS

This diet is high in omega-3 fatty acids (EPA/DHA) and is formulated to support skin barrier function.

SKIN RELIEF

PROTEIN | White Fish

GASTROINTESTINAL

Diets in this category are all formulated with moderate fat for dogs with acute or chronic gastroenteropathies.

GROWTH/SENSITIVE-GI

PROTEIN | Turkey

URINARY

Diets in this category have undergone RSS (relative super-saturation) analysis at an independent laboratory.

- Dissolution and aid in prevention of struvite uroliths
- Aid in prevention of calcium oxalate uroliths

ADULT HEALTH-RSS

PROTEIN | Pork*

MAY WORK AS A NOVEL PROTEIN FOR SOME PETS

JOINT SUPPORT & WEIGHT LOSS

Diets in this category are formulated to be higher in protein, lower in caloric density, and is supplemented with Omega-3 fatty acids (EPA/DHA).

SKIN RELIEF

EARLY RENAL DISEASE

Diets in this category are formulated with lower phosphorus for dogs with IRIS stage 1-2, non-proteinuric renal disease.

ADULT HEALTH-RSS

* Wet diets only

LOW FAT KANGAROO-MAINT

* Dry diets only

LOW FAT KANGAROO-MAINT
QUINOA

* Dry diets only

These diets are intended for diagnostic purposes only and should only be fed for the duration of an elimination diet trial (4 - 8 weeks).

1-855-850-1410
www.raynenutrition.ca

TG203-05232024 Last updated: 5/23/2024

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CANINE KEY PARAMETERS

M : Meets AAFCO requirements for adult maintenance
G : Meets AAFCO requirements for growth, including large-sized dogs (70lbs or more as an adult)

DIET NAME	TYPE	AAFCO	kcal/g AS IS	g/CUP or CAN	kcal/CUP or CAN	% OF METABOLIZABLE ENERGY FROM PROTEIN	FAT	CARBOHYDRATES
ADULT HEALTH-RSS	Dry	M	3.61	110	397	22.3	32.3	45.4
	Chunky Stew	M	1.08	354	383	34.9	35.2	29.9
ECODERM-BSFL	Dry	M	3.49	72	252	23.0	35.7	41.3
GROWTH/SENSITIVE-GI	Dry	M, G	3.41	106	362	34.0	32.6	33.4
	Chunky Stew	M, G	0.93	354	327	42.5	25.5	32.0
KANGAROO-DIAG	Freeze-Dried	-	3.52	50	176	50.4	21.9	27.7
	Chunky Stew	-	0.63	354	222	60.5	20.2	19.3
LOW FAT KANGAROO-MAINT	Dry (Chickpea)	M	3.33	94	313	32.8	19.7	47.5
	Dry (Quinoa)	M	3.33	99	330	32.6	19.4	48.0
	Dry (Ancient Grains)	M	3.28	99	325	32.5	20.2	47.3
	Chunky Stew	M	0.85	354	300	46.0	19.1	34.9
	Pâté	M	0.85	369	314	48.1	22.6	29.3
PLANT-BASED	Dry	M, G	3.34	84	281	23.9	24.9	51.2
	Chunky Stew	M	1.03	354	365	27.7	25.8	46.5
RABBIT-DIAG	Freeze-Dried	-	4.16	46	192	27.6	49.1	23.3
	Pâté	-	1.05	369	388	33.3	45.9	20.8
RABBIT-MAINT	Dry (Chickpea)	M, G	3.57	100	357	25.6	31.2	43.2
	Dry (Quinoa)	M, G	3.57	103	367	25.3	31.2	43.5
	Chunky Stew	M	1.04	354	368	23.6	44.7	31.7
	Pâté	M	0.94	369	347	31.9	39.4	28.7
SKIN RELIEF	Dry	M	3.27	94	308	33.1	20.9	46.0

HELP:

For veterinarians or partner practice staff wanting to discuss individualized patient recommendations, obtain ad
Veterinary Resource Dashboard, or that have any other questions, please contact us.

One of the Rayne Clinical Advisory Team members will be pleased to help you at **consults@raynenutrition.com**

Rayne Nutrition™

	g/1,000 kcal											
S	PROTEIN	FAT	CHO-NFE	CRUDE FIBRE	CALCIUM	PHOSPHORUS	MAGNESIUM	POTASSIUM	SODIUM	EPA/DHA	TAURINE	COPPER (mg)
	63.8	38.0	129.7	7.9	2.2	2.0	0.34	1.8	1.9	0.63	0.33	6.1
	99.6	41.4	85.5	3.3	1.9	1.4	0.20	2.0	0.92	0.77	0.88	4.0
	65.7	42.0	118.0	16.5	2.6	1.9	0.51	1.9	1.0	1.70	0.42	4.8
	70.6	33.1	134.8	10.3	4.0	2.8	0.35	2.5	1.0	0.45	0.34	6.1
	121.4	30.0	91.4	5.1	4.2	3.5	0.27	4.4	1.1	1.03	1.33	5.5
	Contact Rayne (see below) for additional nutritional information.											
	93.6	23.2	135.9	6.6	2.2	1.7	0.43	3.9	0.61	0	0.38	6.4
	93.1	22.8	137.3	5.9	2.2	1.6	0.40	3.6	0.64	0	0.39	6.5
	92.9	23.8	135.1	11.1	2.8	2.2	0.43	3.5	0.63	0.14	0.41	10.1
	131.6	22.5	99.6	5.2	3.0	2.3	0.30	3.3	1.3	0.49	0.36	6.7
	134.4	26.0	87.4	5.4	4.8	3.5	0.28	4.6	1.2	0.12	0.31	4.5
	68.3	29.3	146.2	8.5	4.0	3.3	0.62	2.7	1.0	0.41	0.46	6.5
	79.2	30.4	132.7	7.2	3.0	3.0	0.38	1.7	1.5	1.30	0.78	5.2
	Contact Rayne (see below) for additional nutritional information.											
	73.2	36.7	123.4	4.4	3.4	2.6	0.37	3.1	0.85	0.56	0.35	5.5
	72.5	36.7	124.3	5.6	3.4	2.6	0.50	1.8	0.70	0.56	0.37	5.6
	67.3	52.6	90.5	4.2	2.8	2.8	0.19	2.3	1.4	0.85	0.56	3.4
	91.2	46.3	82.0	0.10	2.9	2.9	0.20	2.9	0.86	2.07	0.82	3.0
	94.7	24.6	131.4	11.1	3.8	3.0	0.45	3.0	0.54	2.20	0.45	7.1

ditional diet information, access Rayne's

or 1-800-816-1763.

Rayne Nutrition™

Rayne Nutrition Feline Diets

- Veterinary exclusive therapeutic nutrition
- Made with whole food, minimally processed ingredients
- Formulated by a team of veterinary nutrition experts
- 100% guaranteed for palatability and quality

Extruded Dry
Packagi
Stay-Fresh

ADVERSE FOOD REACTIONS | Novel Protein

Diets in this category are indicated to manage cats with suspected or confirmed adverse food reactions (dermatological or gastrointestinal).

KANGAROO-DIAG* #
SHORT-TERM FEEDING ONLY
DIAGNOSTIC | Kangaroo

→ **KANGAROO-MAINT***
PROTEIN | Kangaroo

RABBIT-DIAG#
SHORT-TERM FEEDING ONLY
DIAGNOSTIC | Rabbit

→ **RABBIT-MAINT**
PROTEIN | Rabbit

GA

Diets in
with acute
i

URINARY

Diets in this category have undergone RSS (relative supersaturation) analysis at an independent laboratory.

- Dissolution and aid in prevention of struvite uroliths
- Aid in prevention of calcium oxalate uroliths

ADULT HEALTH-RSS
PROTEIN | Pork

MAY WORK AS A NOVEL PROTEIN FOR SOME PETS

EA

Diets in thi
phospho

FELINE DIET GUIDE | Key

Kibble
ng:
Bag

Pâté
Packaging:
BPA-Free Can or Single-Serve Cups

Chunky Stew
Packaging:
Lightweight carton

Freeze-Dried
Packaging:
Stay-Fresh Bag

Protein-Aligned, Treats
Packaging:
Stay-Fresh Bag

ASTROINTESTINAL

this category are indicated for cats
e or chronic gastroenteropathies and
nflammatory bowel disease.

GROWTH/SENSITIVE-GI

PROTEIN | Turkey

KANGAROO-MAINT*

PROTEIN | Kangaroo

RABBIT-MAINT

PROTEIN | Rabbit

RLY RENAL DISEASE

s category are formulated with lower
rus for cats with IRIS stage 1-2, non-
proteinuric renal disease.

ADULT HEALTH-RSS

PROTEIN | Pork

* Wet diets only

DIABETES MELLITUS

Wet and freeze-dried diets in this category are formulated to be higher in protein and limited in carbohydrates.

ADULT HEALTH-RSS

PROTEIN | Pork

* Wet diets only

GROWTH/SENSITIVE-GI

PROTEIN | Turkey

* Wet diets only

KANGAROO-MAINT*

PROTEIN | Kangaroo

RABBIT-MAINT

PROTEIN | Rabbit

* Pâté in cups only

** Sale of kangaroo products prohibited in the state of California, USA
# These diets are intended for diagnostic purposes only and should only be fed for the duration of an elimination diet trial (4 - 8 weeks).

1-877-698-3823
www.raynenutrition.com

1-855-850-1410
www.raynenutrition.ca

TG202-05232024
Last updated: 05/23/2024

FELINE KEY PARAMETERS

M : Meets AAFCO requirements for adult maintenance
G : Meets AAFCO requirements for growth

DIET NAME	TYPE	AAFCO	kcal/g AS IS	g/CUP or CAN	kcal/CUP or CAN	% OF METAB ENERGY PROTEIN	% OF METAB ENERGY FA
ADULT HEALTH-RSS	Dry	M	3.58	107	383	30.2	31.
	Chunky Stew	M	1.00	182	182	41.9	42.
GROWTH/ SENSITIVE-GI	Chunky Stew	M, G	1.05	182	192	43.2	45.
KANGAROO-DIAG*	Freeze-Dried	-	3.52	50	176	50.4	21.
	Chunky Stew	-	0.63	354	222	60.5	20.
KANGAROO-MAINT*	Freeze-Dried	M	4.36	48	210	46.8	48
	Chunky Stew	M	0.88	182	160	47.9	38.
	Pâté	M	0.93	156	145	46.7	36.
RABBIT-DIAG	Freeze-Dried	-	4.16	46	192	27.6	49
	Pâté	-	1.05	369	388	33.3	45.
RABBIT-MAINT	Dry	M, G	3.53	111	392	35.3	32.
	Chunky Stew	M, G	1.02	182	185	31.6	46.
	Pâté	M, G	1.01	100	101	44.0	49.
	Pâté	M	1.05	156	165	38.6	43.

*Sale of kangaroo products prohibited in the state of California, USA

KEY:

CHO: Carbohydrates **Ca:** Calcium **P:** Phosphorus

HELP:

For veterinarians or partner practice staff wanting to discuss individualized patient recommendati
Rayne's Veterinary Resource Dashboard, or that have any other questions, please contact us.

One of the Rayne Clinical Advisory Team members will be pleased to help you at **consults@rayne**

OLIZABLE FROM		g/1,000 kcal										
T	CHO	PROTEIN	FAT	CHO-NFE	CRUDE FIBRE	Ca	P	Mg	K	Na	EPA/ DHA	TAURINE
.7	36.3	91.4	37.3	103.8	6.9	2.4	2.0	0.24	2.9	1.9	0.64	0.52
.8	15.3	119.6	50.4	37.5	0.89	2.4	1.8	0.23	2.6	1.4	0.66	0.78
.2	11.6	123.4	53.2	35.9	1.6	3.3	3.0	0.30	2.9	1.0	0.55	0.99
9	27.7	Contact Rayne (see below) for additional nutritional information.										
.2	19.3											
.1	5.1	133.8	56.5	14.6	5.5	2.3	1.6	0.22	2.0	0.7	1.54	0.67
.0	14.6	137.0	44.7	40.2	1.7	2.6	2.5	0.22	2.6	1.2	1.37	0.91
.6	16.7	133.2	43.1	47.6	3.5	4.7	3.4	0.24	4.1	1.2	1.32	0.76
.1	23.3	Contact Rayne (see below) for additional nutritional information.										
.9	20.8											
.4	32.3	100.9	38.1	92.3	7.7	2.8	2.7	0.34	3.1	1.7	0.82	0.56
.3	22.1	90.2	54.4	63.2	2.2	3.2	2.6	0.30	3.0	0.89	0.69	0.69
.0	7.0	127.4	57.6	20.1	0.77	5.7	3.8	0.36	3.4	1.0	0.68	0.84
.4	18.0	110.4	51.1	51.3	0.51	2.5	2.0	0.20	2.9	1.0	1.11	1.11

Mg: Magnesium **K:** Potassium **Na:** Sodium

ons, obtain additional diet information, access

nutrition.com or 1-800-816-1763.

TG202-05232024
Last updated: 05/23/2024

1-877-698-3823
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Rayne Nutrition™

PRICE SHEET

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DIETS FOR DOGS

CANINE DIET NAME	TYPE	SIZE	SKU	MSRP	AUTOSHIP 5% Discount	CLINIC PRICING INVENTORY 25% Discount	CLINIC PRICING VET STAFF 35% Discount
ADULT HEALTH-RSS	Dry	3.0 KG	RC307-3KG	$71.57	$67.99	$53.68	$46.52
		11.0 KG	RC307-11KG	$196.87	$187.03	$147.65	$127.97
	Chunky Stew	12 X 354 G	RC007-9	$96.05	$91.25	$72.04	$62.43
ECODERM-BSFL	Dry	1.8 KG	WS607-4LB	$54.41	$51.69	$40.81	$35.37
GROWTH/SENSITIVE-GI	Dry	3.0 KG	VC306M-2-3KG	$58.64	$55.71	$43.98	$38.12
		12.0 KG	VC306M-2-12KG	$208.81	$198.37	$156.61	$135.73
	Chunky Stew	12 X 354 G	VC006M-9	$93.15	$88.49	$69.86	$60.55
LOW FAT KANGAROO-MAINT	Dry with Chickpea	3.0 KG	RC302-5-3KG	$78.47	$74.55	$58.85	$51.01
		11.0 KG	RC302-5-11KG	$244.09	$231.89	$183.07	$158.66
	Dry with Quinoa	3.0 KG	RC302Q-3KG	$91.31	$86.74	$68.48	$59.35
		11.0 KG	RC302Q-11KG	$291.81	$277.22	$218.86	$189.68
	Dry with Ancient Grains	1.8 KG	RC302A-4LB	$39.81	$37.82	$29.86	$25.88
	Chunky Stew	12 X 354 G	RC002-9	$122.34	$116.22	$91.76	$79.52
	Pâté	12 X 369 G	RC002-7	$128.73	$122.29	$96.55	$83.67
PLANT-BASED	Dry	3.0 KG	VC300M-3KG	$84.29	$80.08	$63.22	$54.79
		11.0 KG	VC300M-11KG	$266.21	$252.90	$199.66	$173.04
	Chunky Stew	12 X 354 G	VC000M-9	$85.07	$80.82	$63.80	$55.30
RABBIT-MAINT	Dry with Chickpea	3.0 KG	VC308M-3KG	$90.32	$85.80	$67.74	$58.71
		11.0 KG	VC308M-11KG	$286.77	$272.43	$215.08	$186.40
	Dry with Quinoa	3.0 KG	VC308MQ-3KG	$94.56	$89.83	$70.92	$61.46
		11.0 KG	VC308MQ-11KG	$302.13	$287.02	$226.60	$196.38
	Chunky Stew	12 X 354 G	VC008M-9	$130.49	$123.97	$97.87	$84.82
	Pâté	12 X 369 G	VC008M-7	$143.43	$136.26	$107.57	$93.23
SKIN RELIEF	Dry	1.6 KG	VC303-3.5LB	$40.12	$38.11	$30.09	$26.08

Diets for Cats on Page 2 >>

Rayne Nutrition™

PRICE SHEET

www.raynenutrition.ca

DIETS FOR CATS

FELINE DIET NAME	TYPE	SIZE	SKU	MSRP	AUTOSHIP 5% Discount	CLINIC PRICING INVENTORY 25% Discount	CLINIC PRICING VET STAFF 35% Discount
ADULT HEALTH-RSS	Chunky Stew	24 X 182 G	RF007-9	$137.55	$130.67	$103.16	$89.41
GROWTH/SENSITIVE-GI	Chunky Stew	24 X 182 G	VF006M-9	$126.87	$120.53	$95.15	$82.47
KANGAROO-MAINT	Chunky Stew	24 X 182 G	VF001M-9	$151.29	$143.73	$113.47	$98.34
	Canned Pâté	24 X 156 G	VF001M-7	$72.38	$68.76	$54.29	$47.05
RABBIT-MAINT	Dry	3.0 KG	VF308M-3KG	$118.29	$112.38	$88.72	$76.89
	Chunky Stew	24 X 182 G	VF008M-9	$167.10	$158.75	$125.33	$108.62
	Canned Pâté	24 X 156 G	VF008M-6	$73.25	$69.59	$54.94	$47.61
	Pâté Cups	12 X 100 G	VF008M-7	$49.70	$47.22	$37.28	$32.31

Treats for Dogs and Cats on Page 3 >>

Rayne Nutrition™

PRICE SHEET
www.raynenutrition.ca

TREATS FOR DOGS AND CATS

MAIN INGREDIENT	TYPE	SIZE	SKU	MSRP	AUTOSHIP 5% Discount	CLINIC PRICING INVENTORY 25% Discount	CLINIC PRICING VET STAFF 35% Discount
APPLE AND PUMPKIN BISCUITS	Biscuits#	6 X 300 G	RT230-1	$88.93	$84.48	$66.70	$57.80
KANGAROO	Large Dental Chews#	731 G	RT101-731G	$41.95	$39.85	$31.46	$27.27
	Small Dental Chews#	428 G	RT101-428G	$31.87	$30.28	$23.90	$20.72
	Freeze Dried	142 G	RT601-142G	$19.18	$18.22	$14.39	$12.47
	Jerky	200 G	RT101-2-200G	$26.98	$25.63	$20.24	$17.54
	Training#	170 G	RT101HJ-170G	$10.00	$9.50	$7.50	$6.50
PORK	Jerky	200 G	RT102-2-200G	$30.31	$28.79	$22.73	$19.70
RABBIT	Freeze Dried	142 G	RT308-142G	$40.41	$38.39	$30.31	$26.27
	Jerky	200 G	RT208-2-200G	$26.98	$25.63	$20.24	$17.54
	Training#	170 G	RT208SC-170G	$10.28	$9.77	$7.71	$6.68
SWEET POTATO	Chew#	200 G	RT104-200G	$24.46	$23.24	$18.35	$15.90
	Crunch#	200 G	RT105-200G	$24.46	$23.24	$18.35	$15.90
TURKEY	Jerky	200 G	RT106-200G	$29.42	$27.95	$22.07	$19.12
WELLSTRIDE TURKEY WITH BLUEBERRIES	Air Dried#	255 G	WST506M-255G	$18.99	$18.04	$14.24	$12.34

Indicated for dogs only

Please visit www.raynenutrition.ca to be sure you are viewing the most up-to-date pricing, availability, and subscription options.

NUTRITION CONSULTATIONS: For veterinarians wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary resource dashboard or ask any other questions, please call or email for a consult at 1-800-816-1763 or consults@raynenutrition.com. One of the Rayne's Clinical Advisory Team Members will be pleased to communicate with you.

QUESTIONS: canada@raynenutrition.com **OR** 1-855-850-1410
Mon - Fri: 7am-8pm CST | Sat - Sun: 9am-7:30pm CST

ADULT HEALTH-RSS™ (Dry)

Adult Health-RSS™ canine dry diet is a palatable maintenance diet, which includes ingredients selected to support urinary tract health. It has undergone RSS (relative supersaturation) analysis at an independent laboratory to support its use in prevention and treatment of struvite and calcium oxalate urolithiasis.

The diet contains pork, a palatable and digestible source of protein that is low in ash and phosphorus.[1] Potato is a highly digestible and low fibre carbohydrate source that contains high levels of antioxidants.[2] This diet achieves appropriate urinary tract health parameters while containing moderate amounts of sodium.[3]

FEATURES:

- RSS data for treatment and prevention of struvite and calcium oxalate urolithiasis[4]
- High-quality protein for lean body mass
- Moderate sodium content[3]

THERAPEUTIC INDICATIONS:

- Dissolution and aid in prevention of struvite uroliths in adult dogs[4-6]
- Aid in prevention of calcium oxalate uroliths in adult dogs[7-9]
- Adult maintenance

ALSO AVAILABLE:

Chunky Stew
Packaging: Lightweight Carton

Protein-Aligned, Simple Ingredient Treats

ADULT HEALTH-RSS™ (Dry)

INGREDIENTS (DRY):

Pork, brown rice, oatmeal, potato flour, pork meal, potato protein, canola oil, (preserved with mixed tocopherols), tomato pomace, dried pork liver, natural flavor, salt, marine microalgae, dl-methionine, potassium citrate, vitamins (vitamin E supplement, vitamin B12 supplement, niacin, d-calcium pantothenate, vitamin A acetate, biotin, riboflavin, thiamin mononitrate, vitamin D3 supplement, pyridoxine hydrochloride, folic acid), choline chloride, minerals (ferrous sulfate, zinc oxide, manganous oxide, copper sulfate, iron amino acid chelate, zinc amino acid chelate, manganese amino acid chelate, copper amino acid chelate, sodium selenite, cobalt carbonate, ethylenediamine dihydriodine), mixed tocopherols, taurine, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Dry (3kg & 11kg)
ME: 3,613 kcal/kg as is;
3,927 kcal/kg dry weight
Approximate g/cup: 110
kcal/cup = 397

Percentage of Metabolizable Energy from:
Protein: 22.3%
Fat: 32.3%
Carbohydrates: 45.4%

ADULT HEALTH-RSS™ (Dry)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	23.0	25.1	63.8
Fat	13.7	14.9	38.0
Crude Fibre	2.9	3.1	7.9
Total Dietary Fibre	8.5	9.2	23.4
CHO-NFE#	48.9	50.9	129.7
Calcium	0.79	0.86	2.2
Phosphorus	0.72	0.78	2.0
Potassium	0.66	0.72	1.8
Sodium	0.69	0.75	1.9
Magnesium	0.12	0.13	0.34
Copper	22.2 mg/kg	24.1 mg/kg	6.1 mg
Taurine	0.12	0.13	0.33
EPA/DHA*	0.32	0.34	0.87

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[10-11]
- Avoid free-feeding (unless there is a specific medical reason); it may promote obesity over time, especially in spayed or neutered dogs. [12]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

ADULT HEALTH-RSS (Dry)
397 kcal/cup

MAINTENANCE		
Weight Class LB	Weight Class KG	Cups to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 3/4
10 - 20	4.5 - 9.1	3/4 - 1 1/4
20 - 30	9.1 - 13.6	1 1/4 - 1 3/4
30 - 40	13.6 - 18.2	1 3/4 - 2
40 - 50	18.2 - 22.7	2 - 2 1/2
50 - 60	22.7 - 27.3	2 1/2 - 3
60 - 70	27.3 - 31.8	3 - 3 1/4
70 - 80	31.8 - 36.4	3 1/4 - 3 3/2
80 - 90	36.4 - 40.9	3 3/2 - 4
90 - 100	40.9 - 45.5	4 - 4 1/2

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[13] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Pork treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits are also acceptable, plant-based treats for stable allergic or non-allergic patients. Ensure that energy intake from treats does not exceed 10% of daily kcal intake to reduce impact on RSS and recurrence rate of calcium oxalate uroliths.[14] The total kcal from treats should be subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[15]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The canine Adult Health-RSS dry diet has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult dogs.

RESEARCH & DEVELOPMENT TRIALS:

Relative Super Saturation (RSS) feeding trials for struvite and calcium oxalate have been completed with the Adult Health-RSS dry diet.

Typical RSS values when the diet is fed exclusively:

Struvite: RSS <1 (undersaturated)
Calcium Oxalate: RSS <12 (metastable)

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne Clinical Consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Karp H, Ekholm P, Kemi V, et al. Differences among total and in vitro digestible phosphorus content of meat and milk products. J Ren Nutr 2012;22(3):344-9.
2. Brown CR. Antioxidants in potato. Am J Potato Res 2005;82:163-172.
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5. Houston DM, Weese HE, Evason MD, et al. A diet with a struvite relative supersaturation less than 1 is effective in dissolving struvite stones in vivo. Brit J Nutr 2011;106:S90-S92.
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8. Stevenson AE, Markwell PJ. Comparison of urine composition of healthy Labrador retrievers and miniature schnauzers. Am J Vet Res. 2001;62(11):1782-6.
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13. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.
14. Koehler LA, Osborne CA, Buettner MT, et al. Canine uroliths: frequently asked questions and their answers. Vet Clin Small Anim 2008; 39:161-181.
15. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.

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ADULT HEALTH-RSS™ (Chunky Stew)

Adult Health-RSS™ canine chunky stew diet is a palatable maintenance diet which includes ingredients selected to support urinary tract health. It has undergone RSS (relative supersaturation) analysis at an independent laboratory to support its use in the prevention and treatment of struvite and calcium oxalate urolithiasis.

The diet contains pork, a palatable and digestible source of protein that is low in ash and phosphorus.[1] This diet achieves urinary tract health parameters while containing moderate amounts of sodium.[2] The diet contains prebiotics (FOS) to maintain gastrointestinal health and has a reduced phosphorus content appropriate for use in non-proteinuric early renal disease.[3]

FEATURES:

- RSS data for treatment and prevention of struvite and calcium oxalate urolithiasis[4]
- High-quality protein for lean body mass
- Added prebiotics (fructooligosaccharides)
- Moderate sodium content
- Reduced phosphorus content

THERAPEUTIC INDICATIONS:

- Dissolution and aid in prevention of struvite uroliths in adult dogs[4-6]
- Aid in prevention of calcium oxalate uroliths in adult dogs[7-9]
- Struvite and calcium oxalate urolithiasis with concurrent IRIS stage 1 and 2 non-proteinuric renal disease [10,11]
- Adult Maintenance

ALSO AVAILABLE:

Extruded Dry Kibble
Packaging: Stay-Fresh Bag

Protein-Aligned, Simple Ingredient Treats

ADULT HEALTH-RSS™ (Chunky Stew)

INGREDIENTS (CHUNKY STEW):

Pork, water, sweet potato, red peppers, tapioca starch, pork liver, potato starch, sunflower oil, calcium carbonate, marine microalgae, vitamins (vitamin E supplement, thiamine mononitrate, vitamin B12 supplement, niacin supplement, L-ascorbyl-2-polyphosphate, folic acid, d-calcium pantothenate, vitamin A supplement, pyridoxine hydrochloride, biotin, riboflavin supplement, vitamin D3 supplement), fructooligosaccharides, minerals (zinc proteinate, ferrous sulfate, zinc sulfate, iron proteinate, copper proteinate, copper sulfate, manganese proteinate, manganese sulfate, sodium selenite, calcium iodate, potassium iodide), salt, taurine

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/BOX:

Wet (TetraPak): 354 g
ME: 1,081 kcal/kg as is;
4,159 kcal/kg dry weight
kcal/box: 383

Percentage of Metabolizable Energy from:
Protein: 34.9%
Fat: 35.2%
Carbohydrates: 29.9%

ADULT HEALTH-RSS™ (Chunky Stew)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	10.8	41.4	99.6
Fat	4.5	17.2	41.4
Crude Fibre	0.35	1.4	3.3
CHO-NFE#	9.2	35.6	85.5
Calcium	0.20	0.79	1.9
Phosphorus	0.15	0.59	1.4
Potassium	0.22	0.85	2.0
Sodium	0.10	0.38	0.92
Magnesium	0.02	0.08	0.20
Copper	4.3 mg/kg	16.7 mg/kg	4.0 mg/kg
Taurine	0.10	0.37	0.88
EPA/DHA*	0.08	0.32	0.77

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[12, 13]
- Avoid free-feeding (unless there is a specific medical reason); it may promote obesity over time, especially in spayed or neutered dogs. [14]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

ADULT HEALTH-RSS (Chunky Stew)
283 kcal/254 g box

MAINTENANCE		
Weight Class LB	Weight Class KG	Boxes to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 3/4
10 - 20	4.5 - 9.1	3/4 - 1 1/2
20 - 30	9.1 - 13.6	1 1/2 - 1 3/4
30 - 40	13.6 - 18.2	1 3/4 - 2 1/4
40 - 50	18.2 - 22.7	2 1/4 - 2 3/2
50 - 60	22.7 - 27.3	2 3/2 - 3
60 - 70	27.3 - 31.8	3 - 3 1/2
70 - 80	31.8 - 36.4	3 1/2 - 3 3/4
80 - 90	36.4 - 40.9	3 3/4 - 4 1/4
90 - 100	40.9 - 45.5	4 1/4 - 4 1/2

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[9] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Pork treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits are also acceptable, plant-based treats for stable allergic or non-allergic patients. Ensure that energy intake from treats does not exceed 10% of daily kcal intake to reduce impact on RSS and recurrence rate of calcium oxalate uroliths.[15] The total kcal from treats should be subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[16]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The canine Adult Health-RSS chunky stew has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult dogs.

RESEARCH & DEVELOPMENT TRIALS:

Relative Super Saturation (RSS) feeding trials for struvite and calcium oxalate have been completed with the Adult Health-RSS chunky stew diet.

Typical RSS values when the diet is fed exclusively:

Struvite: RSS <1 (undersaturated)
Calcium Oxalate: RSS <12 (metastable)

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne Clinical Consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Karp H, Ekholm P, Kemi V, et al. Differences among total and in vitro digestible phosphorus content of meat and milk products. J Ren Nutr 2012;22(3):344-9.
2. Chandler ML. Pet food safety: sodium in pet foods. Top Companion Anim Med. 2008;23(3):148-53.
3. Cave N. Nutritional management of gastrointestinal diseases. In Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, IK: Wiley-Blackwell, 2012: 175-219.
4. Robertson WG, Jones JS, Heaton MA et al. Predicting the crystallization potential of urine from cats and dogs with respect to calcium oxalate and magnesium ammonium phosphate (struvite). J Nutr 2002; 132:1637S-1641S.
5. Houston DM, Weese HE, Evason MD, et al. A diet with a struvite relative supersaturation less than 1 is effective in dissolving struvite stones in vivo. Brit J Nutr 2011;106:S90-S92.
6. Van Hoek I, Malandain E, Tournier C, et al. RSS is a better predictor for struvite dissolution than urine pH. Veterinary Focus 2009;19(2):47-48.
7. Stevenson AE ,Robertson WG, Markwell P. Risk factor analysis and relative supersaturation as tools for identifying calcium oxalate stoneforming dogs. J Small AnimPract. 2003;44(11):491-6.
8. Stevenson AE, Markwell PJ. Comparison of urine composition of healthy Labrador retrievers and miniature schnauzers. Am J Vet Res. 2001;62(11):1782-6.
9. Stevenson AE, Hynds WK, Markwell PJ. Effect of dietary moisture and sodium content on urine composition and calcium oxalate relative supersaturation in healthy miniature schnauzers and labrador retrievers. Res Vet Sci. 2003;74(2):145-51.
10. Jacob F, Polzin DJ, Osborne CA, et al. Clinical evaluation of dietary modification for treatment of spontaneous chronic renal failure in dogs. J Am Vet Med Assoc 2002;220(8):1163-70.
11. IRIS (International Renal Interest Society) Canine Guidelines 2013. http://www.iris-kidney.com/guidelines/recommendations.shtml.
12. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc 2010; 46(4):285-96.
13. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
14. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on maintenance energy requirement and on blood metabolites. J AnimPhysiol Anim Nutr (Berl). 2004;88 (3-4):117-21.
15. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.
16. Koehler LA, Osborne CA, Buettner MT, et al. Canine uroliths: frequently asked questions and their answers. Vet Clin Small Anim 2008; 39:161-181.
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ADULT HEALTH-RSS™ (Chunky Stew)

Adult Health-RSS™ feline chunky stew diet is a palatable maintenance diet which includes ingredients selected to support urinary tract health. It has undergone RSS (relative supersaturation) analysis at an independent laboratory to support its use in the prevention and treatment of struvite and calcium oxalate urolithiasis.

The diet contains pork, a palatable and digestible source of protein that is low in ash and phosphorus.[1] This multi-indication maintenance diet achieves appropriate urinary tract health parameters, while containing moderate amounts of sodium[2,3], and provides reduced phosphorus content appropriate for use in early renal disease.

FEATURES:

- RSS data for the treatment and prevention of struvite and calcium oxalate urolithiasis[4-6]
- High quality protein for lean body mass
- Limited in carbohydrates
- Moderate sodium content
- Reduced phosphorus content

THERAPEUTIC INDICATIONS:

- Dissolution and aid in prevention of struvite uroliths[4,7,8]
- Aid in prevention of calcium oxalate uroliths[9-11]
- IRIS stage 1-2, non-proteinuric renal disease[12-15]
- Diabetic cats (BCS 5/9 or less) with historical or concurrent urolithiasis[16,17]

ALSO AVAILABLE:

Extruded Dry Kibble
Packaging: Stay-Fresh Bag

Protein-Aligned, Simple Ingredient Treats

ADULT HEALTH-RSS™ (Chunky Stew)

INGREDIENTS (Chunky Stew):

Water, pork, pork liver, pea protein, sunflower oil, tapioca starch, glycine, carrots, calcium chloride, dextrose, salt, marine microalgae, vitamins (vitamin E supplement, thiamine mononitrate, vitamin B12 supplement, niacin supplement, L-ascorbyl-2-polyphosphate, folic acid, d-calcium pantothenate, vitamin A supplement, pyridoxine hydrochloride, biotin, riboflavin supplement, vitamin D3 supplement), fructooligosaccharides, minerals (zinc proteinate, ferrous sulfate, zinc sulfate, iron proteinate, copper proteinate, dicalcium phosphate, copper dulfate, manganese proteinate, manganese sulfate, sodium selenite, cobalt proteinate, calcium iodate, potassium iodide), potassium chloride, calcium carbonate, spinach, taurine.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/BOX:

Chunky Stew (TetraPak): 182 g
ME: 998 kcal/kg as is;
4,438 kcal/kg dry weight
kcal/box: 182

Percentage of Metabolizable Energy from:
Protein: 41.9%
Fat: 42.8%
Carbohydrates: 15.3%

ADULT HEALTH-RSS™ (Chunky Stew)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	11.9	53.1	119.6
Fat	5.0	22.3	50.4
Crude Fibre	0.09	0.39	0.89
CHO-NFE#	3.75	16.7	37.5
Calcium	0.23	1.1	2.4
Phosphorus	0.18	0.79	1.8
Potassium	0.23	1.1	2.6
Sodium	0.14	0.62	1.4
Magnesium	0.02	0.1	0.23
EPA/DHA*	0.07	0.29	0.66

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow you veterinarian's instructions, as feeding amounts can vary by as much as 50% between cats.[18, 19]
- The tables below can be used to estimate the amount to feed using the cat's optimum weight.
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[20]
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- It is ideal to feed cats multiple smaller meals per day and provide fresh water at all times.

ADULT HEALTH-RSS (Chunky Stew)
182 kcal/182 g box

MAINTENANCE		
Weight Class LB	Weight Class KG	Boxes to Feed Per Day
3 - 5	1.4 - 2.3	$^2/_2$ - $^3/_4$
5 - 7	2.3 - 3.2	$^3/_4$ - 1
7 - 10	3.2 - 4.5	1 - 1$^1/_2$
10 - 15	4.5 - 6.8	1$^1/_2$ - 2

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[21] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each cat's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Pork treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake to reduce impact on RSS and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[20]

RITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

'eline Adult Health-RSS chunky stew has been formulated to meet the Association of American Feed Control Officials CO) nutrient requirements for maintenance of adult cats.

EARCH & DEVELOPMENT TRIALS

ive Super Saturation (RSS) analysis for struvite and calcium oxalate has been completed on the Adult Health-RSS ky stew diet.

:al RSS values when the diet is fed exclusively:

Struvite: RSS <1 (undersaturated)

Calcium Oxalate: RSS <12 (metastable)

P:

eterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet nformation, ss the veterinary login, or any other questions, please call or email for a consult. One of the Rayne Clinical Consult members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

ERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

:arp H, Ekholm P, Kemi V, et al. Differences among total and in vitro digestible phosphorus content of meat and milk products. J Ren lutr 2012;22(3):344-9.

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Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.

Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.

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ECODERM-BSFL™ WITH QUINOA (Dry)

EcoDerm-BSFL canine dry diet contains a limited number of novel ingredients making it appropriate for an elimination diet trial and maintenance option in dogs suspected to have allergic dermatologic or gastrointestinal disease.[1]

Black soldier fly larva and fava beans provide unique protein sources. Ancient grains (quinoa and millet) are included as unique carbohydrates sources. Algae provides a plant-based omega-3 source in order to manage the most sensitive allergy patients and contributes to reducing inflammation.[2,3] A blend of fibre sources and the addition of prebiotics helps to maintain gastrointestinal health.[4]

This diet is carefully formulated to provide recommended levels of all essential amino acids, including methionine and cystine. It is also supplemented with taurine and carnitine to support heart health.[5]

FEATURES:

- Unique insect-based protein source
- No animal protein, animal fat, corn, or wheat (potential allergen sources)[6-8]
- Unique plant-based omega-3 fatty acid source provides EPA/DHA[2]
- Coconut oil provides a source of medium-chain triglycerides (MCT)
- Added prebiotics (fructooligosaccharides)[2]
- Blend of soluble and insoluble fibre to support the gastrointestinal microbiome[4]

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[6,8-12]

AVAILABLE IN: Extruded Dry Kibble
Packaging: Stay-Fresh Bag

ECODERM-BSFL™ WITH QUINOA (Dry)

INGREDIENTS (DRY):

Dried black soldier fly larvae, quinoa, oats, millet, fava bean, fava protein, coconut oil, natural flavor, flaxseed, blueberry fiber, dried pumpkin, dicalcium phosphate, calcium carbonate, marine microalgae oil, salt, threonine, fructooligosaccharide, DL-methionine, choline chloride, minerals (zinc proteinate, iron sulfate, zinc sulfate, iron proteinate, copper proteinate, copper sulfate, manganese proteinate, manganese sulfate, sodium selenite, cobalt proteinate, calcium iodate, potassium iodide), taurine, vitamins (vitamin E supplement, niacin, vitamin B12 supplement, vitamin A acetate, thiamin mononitrate, pyridoxine hydrochloride, riboflavin, d-calcium pantothenate, vitamin D3 supplement, biotin, folic acid), L-carnitine, tryptophan, mixed tocopherols, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Dry (1.8 kg)
ME: 3,494 kcal/kg as is;
3,871 kcal/kg dry weight
Approximate g/cup: 72
kcal/cup: 252

Percentage of Metabolizable Energy from:
Protein: 23.0%
Fat: 35.7%
Carbohydrates: 41.3%

ECODERM-BSFL™ WITH QUINOA (Dry)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	23.0	25.4	65.7
Fat	14.7	16.3	42.0
Crude Fibre	5.8	6.4	16.5
CHO-NFE#	41.2	45.7	118.0
Calcium	0.90	1.0	2.6
Phosphorus	0.65	0.73	1.9
Potassium	0.67	0.74	1.9
Sodium	0.35	0.39	1.0
Magnesium	0.18	0.20	0.51
Copper	16.9 mg/kg	18.7 mg/kg	4.8 mg
Taurine	0.15	0.17	0.42
EPA/DHA*	0.59	0.66	1.7

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[13-14]
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[15]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

ECODERM-BSFL WITH QUINOA (Dry)
252 kcal/cup

Weight Class LB	Weight Class KG	Cups to Feed Per Day
5 - 10	2.3 - 4.5	3/4 - 1 1/4
10 - 20	4.5 - 9.1	1 1/4 - 2
20 - 30	9.1 - 13.6	2 - 2 3/4
30 - 40	13.6 - 18.2	2 3/4 - 3 1/2
40 - 50	18.2 - 22.7	3 1/2 - 4
50 - 60	22.7 - 27.3	4 - 4 2/3
60 - 70	27.3 - 31.8	4 2/3 - 5 1/4
70 - 80	31.8 - 36.4	5 1/4 - 5 3/4
80 - 90	36.4 - 40.9	5 3/4 - 6 1/3
90 - 100	40.9 - 45.5	6 1/3 - 6 3/4

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[16] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The canine EcoDerm-BSFL dry diet has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for adult maintenance.

RESEARCH & DEVELOPMENT TRIALS:

Stool Consistency Trials at an independent facility have been completed with the EcoDerm-BSFL canine dry diet.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41):361-379.
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16. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

DS106-0623
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GROWTH/SENSITIVE-GI™ (Dry)

Growth/Sensitive-GI™ canine dry diet contains a limited number of highly digestible ingredients and provides a nutrient profile that is known to benefit gastrointestinal health, appropriately support puppy growth, and achieve optimal lean body mass in adult dogs as a maintenance diet. This diet has excellent palatability and is designed to support gastrointestinal health in various disease states.

The diet contains turkey as a single animal protein source and is moderate in fat. An optimal blend of fibre, with the addition of prebiotics to restore beneficial intestinal flora, helps to maintain gastrointestinal health.[1]

FEATURES:

- Single animal protein source (turkey)
- High-quality protein for lean body mass
- Moderate fat content
- High digestibility
- Natural source of glutamine (turkey) for gastrointestinal repair and growth[1,2]
- Added prebiotics (fructooligosaccharides)[1]

THERAPEUTIC INDICATIONS:

- Acute or chronic gastroenteropathy[1,2-5]
- Acute or chronic pancreatitis (patient-dependent)[6-9]
- Post-operative enteropathy[10]
- Exocrine pancreatic insufficiency[11,12]
- Inappetance/anorexia[13]

ALSO AVAILABLE:

Chunky Stew
Packaging: Lightweight Carton

Protein-Aligned, Simple Ingredient Treats

GROWTH/SENSITIVE-GI™ (Dry)

INGREDIENTS (Dry):

Turkey, dried sweet potatoes, dried peas, turkey meal, tapioca starch, turkey liver, chicken fat (preserved with mixed tocopherols), natural flavor, tomato pomace, marine microalgae, flaxseed, dicalcium phosphate, salt, fructooligosaccharides, dried brewers yeast, vitamins (vitamin E supplement, vitamin B12 supplement, niacin, d-calcium pantothenate, vitamin A acetate, biotin, riboflavin, thiamin mononitrate, vitamin D3 supplement, pyridoxine hydrochloride, folic acid), choline chloride, minerals (ferrous sulfate, zinc oxide, manganous oxide, copper sulfate, iron amino acid chelate, zinc amino acid chelate, manganese amino acid chelate, copper amino acid chelate, sodium selenite, cobalt carbonate, ethylenediamine dihydriodine), mixed tocopherols, l-threonine, taurine, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Dry (3 kg, 12 kg)
ME: 3,413 kcal/kg as is;
3,710 kcal/kg dry weight
Approximate g/cup: 106
kcal/cup: 362

Percentage of Metabolizable Energy from:
Protein: 24.7%
Fat: 28.1%
Carbohydrates: 47.2%

GROWTH/SENSITIVE-GI™ (Dry)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	24.1	26.2	70.6
Fat	11.3	12.3	33.1
Crude Fibre	3.5	3.8	10.3
CHO-NFE#	46.0	50.0	134.8
Calcium	1.4	1.5	4.0
Phosphorus	0.9	1.0	2.8
Potassium	0.8	0.9	2.5
Sodium	0.35	0.38	1.0
Magnesium	0.12	0.13	0.35
Copper	20.8 mg/kg	22.6 mg/kg	6.1 mg
Taurine	0.12	0.13	0.34
EPA/DHA*	0.15	0.16	0.45

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[14, 15]
- Avoid free-feeding (unless there is a specific medical reason); it may promote obesity over time.[15]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

GROWTH/SENSITIVE-GI (Dry)
363 kcal/cup

MAINTENANCE		
Weight Class LB	Weight Class KG	Cups to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 3/4
10 - 20	4.5 - 9.1	3/4 - 1 1/2
20 - 30	9.1 - 13.6	1 1/2 - 2
30 - 40	13.6 - 18.2	2 - 2 1/2
40 - 50	18.2 - 22.7	2 1/2 - 2 3/4
50 - 60	22.7 - 27.3	2 3/4 - 3 1/4
60 - 70	27.3 - 31.8	3 1/4 - 3 3/2
70 - 80	31.8 - 36.4	3 3/2 - 4
80 - 90	36.4 - 40.9	4 - 4 1/2
90 - 100	40.9 - 45.5	4 1/2 - 4 3/4

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[17] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

SMALL TO MEDIUM BREED PUPPIES

GROWTH					
Weight Class		Cups to Feed Per Day			
LB	KG	Less Than 4 Months Old	4 - 6 Months Old	6 -10 Months Old	10 - 12 Months Old
1 - 5	0.5 - 2.3	1/2 - 1 1/2			
5 - 10	2.3 - 4.5	1 1/2 - 2 1/4	1 - 1 3/4	3/4 - 1 1/2	3/2 - 1 1/4
10 - 20	4.5 - 9.1	2 1/4 - 3 3/4	1 3/4 - 3	1 1/2 - 2 1/4	1 1/4 - 1 3/4
20 - 30	9.1 - 13.6		3 - 4	2 1/4 - 3	1 3/4 - 2 1/2
30 - 40	13.6 - 18.2			3 - 3 3/4	2 1/2 - 3 1/4
40 - 50	18.2 - 22.7				3 1/4 - 3 3/4

LARGE BREED PUPPIES

GROWTH						
Weight Class		Cups to Feed Per Day				
LB	KG	Less Than 4 Months Old	4 - 8 Months Old	9 - 12 Months Old	12 - 18 Months Old	18 - 24 Months Old
5 - 10	2.3 - 4.5	1 1/2 - 2 1/4				
10 - 20	4.5 - 9.1	2 1/4 - 3 3/4	1 3/4 - 3			
20 - 30	9.1 - 13.6	3 3/4 - 5	3 - 4	2 3/2 - 3 1/2		
30 - 40	13.6 - 18.2	5 - 6 1/2	4 - 5	3 1/2 - 4 1/2	3 - 3 3/4	
40 - 50	18.2 - 22.7	6 1/2 - 7 1/2	5 - 6	4 1/2 - 5 1/4	3 3/4 - 4 1/2	3 1/4 - 3 3/4
50 - 60	22.7 - 27.3	7 1/2 - 8 3/4	6 - 7	5 1/4 - 6 1/4	4 1/2 - 5 1/4	3 3/4 - 4 1/2
60 - 70	27.3 - 31.8		7 - 7 3/2	6 1/4 - 6 3/4	5 1/4 - 5 3/4	4 1/2 - 4 3/4
70 - 80	31.8 - 36.4		7 3/2 - 8 1/2	6 3/4 - 7 1/2	5 3/4 - 6 1/2	4 3/4 - 5 1/2
80 - 90	36.4 - 40.9			7 1/2 - 8 1/4	6 1/2 - 7	5 1/2 - 5 3/4
90 - 100	40.9 - 45.5			8 1/4 - 8 3/4	7 - 7 1/2	5 3/4 - 6 1/4

OMPATIBLE TREATS

yne Rewards S.I.T. Turkey treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial d in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in yne diets. They undergo rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits e also acceptable, plant-based treats for stable allergic or non-allergic patients. Ensure that energy intake from treats does not ceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when termining the volume of diet to be fed.[18]

UTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

e canine Growth/Sensitive-GI dry diet has been formulated to meet the Association of American Feed Control Officials AFCO) nutrient requirements for all life stages, including growth of large-sized dogs (70lbs or more as an adult).

ESEARCH & DEVELOPMENT TRIALS

gestibility studies have been completed on the canine Growth/Sensitive-GI dry diet.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne Clinical Consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley Blackwell, 2012:175-219.
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14. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010; 46(4):285-96.
15. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
16. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on maintenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl). 2004;88 (3-4):117-21.
17. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.
18. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.

GROWTH/SENSITIVE-GI™ (Chunky Stew)

Growth/Sensitive-GI™ canine chunky stew contains a limited number of highly digestible ingredients and provides a nutrient profile that is known to benefit gastrointestinal health, appropriately support puppy growth, and achieve optimal lean body mass in adult dogs as a maintenance diet. This diet has excellent palatability and is designed to support gastrointestinal health in various disease states.

The diet contains turkey as a single animal protein source and is moderate in fat. An optimal blend of fibre, with the addition of prebiotics to restore beneficial intestinal flora, helps to maintain gastrointestinal health.[1]

FEATURES:

- Single animal protein source (turkey)
- High-quality protein for lean body mass
- Moderate fat content
- High digestibility
- Natural source of glutamine (turkey) for gastrointestinal repair and growth[1,2]
- Added prebiotics (fructooligosaccharides)[1]

THERAPEUTIC INDICATIONS:

- Acute or chronic gastroenteropathy[1,2-5]
- Acute or chronic pancreatitis (patient-dependent)[6-9]
- Post-operative enteropathy[10]
- Exocrine pancreatic insufficiency[11,12]
- Inappetance/anorexia[13]

ALSO AVAILABLE:

Extruded Dry Kibble
Packaging: Stay-Fresh Bag

Protein-Aligned, Simple Ingredient Treats

GROWTH/SENSITIVE-GI™ (Chunky Stew)

INGREDIENTS (Chunky Stew):

Turkey, water, sweet potato, turkey liver, red peppers, pea protein, tapioca starch, tricalcium phosphate, marine microalgae, fructooligosaccharides, dried brewers yeast, potassium chloride, vitamins (vitamin E supplement, thiamine mononitrate, vitamin B12 supplement, niacin supplement, L-ascorbyl-2-polyphosphate, folic acid, d-calcium pantothenate, vitamin A supplement, pyridoxine hydrochloride, biotin, riboflavin supplement, vitamin D3 supplement), salt, magnesium proteinate, minerals (zinc proteinate, ferrous sulfate, zinc sulfate, iron proteinate, copper proteinate, copper sulfate, manganese proteinate, manganese sulfate, sodium selenite, calcium iodate, potassium iodide), calcium carbonate, taurine.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/BOX:

Chunky Stew (TetraPak): 354 g
ME: 925 kcal/kg as is;
3,739 kcal/kg dry weight
kcal/box: 327

Percentage of Metabolizable Energy from:
Protein: 42.5%
Fat: 25.5%
Carbohydrates: 32.0%

GROWTH/SENSITIVE-GI™ (Chunky Stew)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	11.2	45.4	121.4
Fat	2.8	11.2	30.0
Crude Fibre	0.47	1.9	5.1
CHO-NFE#	8.5	34.2	91.4
Calcium	0.39	1.6	4.2
Phosphorus	0.32	1.3	3.5
Potassium	0.41	1.7	4.4
Sodium	0.10	0.41	1.1
Magnesium	0.25	1.0	0.27
Copper	5.1 mg/kg	20.6 mg/kg	5.5 mg
Taurine	0.12	0.5	1.33 mg
EPA/DHA*	0.10	0.38	1.03

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[14, 15]
- Avoid free-feeding (unless there is a specific medical reason); it may promote obesity over time.[15]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

GROWTH/SENSITIVE-GI (Chunky Stew)
227 kcal/254 g box

MAINTENANCE		
Weight Class LB	Weight Class KG	Boxes to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 1
10 - 20	4.5 - 9.1	1 - 1 1/2
20 - 30	9.1 - 13.6	1 1/2 - 2 1/4
30 - 40	13.6 - 18.2	2 1/4 - 2 2/3
40 - 50	18.2 - 22.7	2 2/3 - 3 1/4
50 - 60	22.7 - 27.3	3 1/4 - 3 1/4
60 - 70	27.3 - 31.8	3 1/4 - 4
70 - 80	31.8 - 36.4	4 - 4 1/2
80 - 90	36.4 - 40.9	4 1/2 - 4 3/4
90 - 100	40.9 - 45.5	4 3/4 - 5 1/4

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[17] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

SMALL TO MEDIUM BREED PUPPIES

GROWTH					
Weight Class		Boxes to Feed Per Day			
LB	KG	Less Than 4 Months Old	4 - 6 Months Old	6 -10 Months Old	10 - 12 Months Old
1 - 5	0.5 - 2.3	1/2 - 1 1/2			
5 - 10	2.3 - 4.5	1 1/2 - 1 3/4	1 1/4 - 2	3/4 - 1 1/2	3/4 - 1 1/4
10 - 20	4.5 - 9.1	1 3/4 - 4 1/4	2 - 3 1/2	1 1/2 - 2 1/2	1 1/4 - 2
20 - 30	9.1 - 13.6		3 1/2 - 4 1/2	2 1/2 - 3 1/2	2 - 2 3/4
30 - 40	13.6 - 18.2			3 1/2 - 4 1/4	2 3/4 - 3 1/2
40 - 50	18.2 - 22.7				3 1/2 - 4 1/4

LARGE BREED PUPPIES

GROWTH						
Weight Class		Boxes to Feed Per Day				
LB	KG	Less Than 4 Months Old	4 - 8 Months Old	9 - 12 Months Old	12 - 18 Months Old	18 - 24 Months Old
5 - 10	2.3 - 4.5	1 1/2 - 2 1/2				
10 - 20	4.5 - 9.1	2 1/2 - 4 1/4	2 - 3 1/2			
20 - 30	9.1 - 13.6	4 1/4 - 5 2/3	3 1/2 - 4 1/2	3 - 4		
30 - 40	13.6 - 18.2	5 2/3 - 7	4 1/2 - 5 2/3	4 - 5	3 1/2 - 4 1/4	
40 - 50	18.2 - 22.7	7 - 8 1/4	5 2/3 - 6 2/3	5 - 5 3/4	4 1/4 - 5	3 1/2 - 4 1/4
50 - 60	22.7 - 27.3	8 1/4 - 9 3/4	6 2/3 - 7 3/4	5 3/4 - 6 3/4	5 - 5 3/4	4 1/4 - 4 3/4
60 - 70	27.3 - 31.8		7 3/4 - 8 1/2	6 3/4 - 7 1/2	5 3/4 - 6 1/2	4 3/4 - 5 1/2
70 - 80	31.8 - 36.4		8 1/2 - 9 1/2	7 1/2 - 8 1/4	6 1/2 - 7	5 1/2 - 5 3/4
80 - 90	36.4 - 40.9			8 1/4 - 9	7 - 7 3/4	5 3/4 - 6 1/2
90 - 100	40.9 - 45.5			9 - 9 3/4	7 3/4 - 8 1/2	6 1/2 - 7

OMPATIBLE TREATS

yne Rewards S.I.T. Turkey treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial d in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in yne diets. They undergo rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits e also acceptable, plant-based treats for stable allergic or non-allergic patients. Ensure that energy intake from treats does not ceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when termining the volume of diet to be fed.[18]

UTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

e canine Growth/Sensitive-GI chunky stew has been formulated to meet the Association of American Feed Control Officials AFCO) nutrient requirements for all life stages, including growth of large-sized dogs (70lbs or more as an adult).

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne Clinical Consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley Blackwell, 2012:175-219.
2. Saker KE. Nutrition and immune function. Vet Clin Small Anim 2006 Nov; 36(6): 1199-224.
3. Rudinsky AJ, Rowe JC, Parker VJ. Nutritional management of chronic enteropathies in dogs and cats. JAVMA 2018; 253(5):570-578.
4. Kathrani A. Dietary nutritional approaches to the management of chronic enteropathy in dogs and cats. Vet Clin North Am Small Anim Pract. 2021;51(1): 123-136.
5. Chandler M. Focus on nutrition: dietary management of gastrointestinal disease. Compend Contin Educ vet. 2013;35(6):E1-E3.
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10. Ralph s SC, Jessen CR, Lipowitz AJ. Risk factors for leakage following intestinal anastomosis in dogs and cats: 115 cases (1991-2000). J Am Vet Med Assoc. 2003;223(1):73-7.
11. German AJ. Exocrine pancreatic insufficiency in the dog: breed associations, nutritional considerations, and long-term outcome. Top Companion Anim Med 2012; 27:104-108.
12. Marks , SL. Advances in dietary management of GI disorders. World Small Animal Veterinary Association World Congress Proceedings, 2013.
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14. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010; 46(4):285-96.
15. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
16. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on maintenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl). 2004;88 (3-4):117-21.
17. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.
18. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.

GROWTH/SENSITIVE-GI™ (Chunky Stew)

Growth/Sensitive-GI™ feline chunky stew contains a limited number of highly digestible ingredients and provides a nutrient profile that is known to benefit gastrointestinal health, appropriately support kitten growth, and achieve optimal lean body mass in adult cats as a maintenance diet. This diet has excellent palatability and is designed to support gastrointestinal health in various disease states.

The diet contains turkey as a single animal protein source. The addition of prebiotics to restore beneficial intestinal flora, helps to maintain gastrointestinal health.[1]

FEATURES:

- Single animal protein source (turkey)
- High-quality protein for lean body mass
- High digestibility
- Natural source of glutamine (turkey) for gastrointestinal repair and growth[1,2]
- Added prebiotics (fructooligosaccharides)[1]

THERAPEUTIC INDICATIONS:

- Acute or chronic gastroenteropathy[1,2,4]
- Pancreatitis (patient-dependent)[5,6]
- Constipation (patient-dependent)[1,7]
- Exocrine pancreatic insufficiency[8]
- Inappetance

ALSO AVAILABLE: Protein-Aligned, Simple Ingredient Treats

GROWTH/SENSITIVE-GI™ (Chunky Stew)

INGREDIENTS (Chunky Stew):

Turkey, water, turkey liver, pea protein, red bell pepper, tapioca starch, tricalcium phosphate, carrots, glycine, marine microalgae, spinach, fructooligosaccharides, potassium chloride, vitamins (vitamin E supplement, thiamine mononitrate, vitamin B12 supplement, niacin supplement, L-ascorbyl-2-polyphosphate, folic acid, dcalcium pantothenate, vitamin A supplement, pyridoxine hydrochloride, biotin, riboflavin supplement, vitamin D3 supplement), calcium carbonate, salt, minerals (zinc proteinate, ferrous sulfate, zinc sulfate, iron proteinate, copper proteinate, copper sulfate, manganese proteinate, manganese sulfate, sodium selenite, calcium iodate, potassium iodide), taurine.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/BOX:

Chunky Stew (TetraPak): 182 g
ME: 1,053 kcal/kg as is;
4,298 kcal/kg dry weight
kcal/box: 192

Percentage of Metabolizable Energy from:
Protein: 43.2%
Fat: 45.2%
Carbohydrates: 11.6%

GROWTH/SENSITIVE-GI™ (Chunky Stew)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	13.0	53.0	123.4
Fat	5.6	22.9	53.2
Crude Fibre	0.17	0.69	1.6
CHO-NFE#	3.8	15.4	35.9
Calcium	0.35	1.4	3.3
Phosphorus	0.32	1.3	3.0
Potassium	0.31	1.3	2.9
Sodium	0.10	0.43	1.0
Magnesium	0.03	0.13	0.30
EPA/DHA*	0.06	0.23	0.55

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow you veterinarian's instructions, as feeding amounts can vary by as much as 50% between cats.[9, 10]
- The tables below can be used to estimate the amount to feed using the cat's optimum weight.
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[11]
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- It is ideal to feed cats multiple smaller meals per day and provide fresh water at all times.

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

GROWTH/SENSITIVE-GI (Chunky Stew)
192 kcal/192.2 g box

MAINTENANCE		
Weight Class LB	Weight Class KG	Boxes to Feed Per Day
3 - 5	1.4 - 2.3	1/2 - 3/4
5 - 7	2.3 - 3.2	3/4 - 1
7 - 10	3.2 - 4.5	1 - 1 1/2
10 - 15	4.5 - 6.8	1 1/2 - 1 3/4

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[12] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

KITTENS

GROWTH			
AGE	Weight Class LB	Weight Class KG	Boxes to Feed Per Day
1.5 - 3 Months	1 - 2.5	0.5 - 1.1	2/3 - 1 1/2
	2.5 - 4	1.1 - 1.8	1 1/2 - 2 1/2
4 - 6 Months	4 - 6	1.8 - 2.7	1 1/2 - 1 3/4
	6 - 8	2.7 - 3.6	1 3/4 - 2 1/2
7 - 8 Months	5 - 7	2.3 - 3.2	1 1/4 - 1 2/3
	7 - 9	3.2 - 4.1	1 2/3 - 2 1/4
9 - 11 Months	6 - 8	2.7 - 3.6	1 1/4 - 1 1/2
	9 - 10	3.6 - 4.5	1 1/2 - 2

)MPATIBLE TREATS

yne Rewards S.I.T. Turkey treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial d in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in yne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining volume of diet to be fed."

JTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

e feline Growth/Sensitive-GI chunky stew has been formulated to meet the Association of American Feed Control Officials AFCO) nutrient requirements for all life stages, including growth.

ELP:

r veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, cess the veterinary login, or any other questions, please call or email for a consult. One of the Rayne Clinical Consult team embers will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

EFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE NEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

Cave N. Nutritional management of gastrointestinal diseases. In:Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blacwell,2012:175-219.

Saker KE. Nutrition and immune function. Vet Clin Small Anim 2006 Nov; 36(6): 1199-224.

Rudinsky AJ, Rowe JC, Parker VJ. Nutritional management of chronic enteropathies in dogs and cats. JAVMA 2018; 253(5):570-578.

Kathrani A. Dietary nutritional approaches to the management of chronic enteropathy in dogs and cats. Vet Clin North Am Small Anim Pract. 2021;51(1): 123-136.

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Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc 2010;46(4): 285-96.

Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.

Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.

Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

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t updated: 6/20/2023

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KANGAROO-DIAG™ (Freeze-Dried)

Kangaroo-DIAG™ freeze-dried diet contains a limited number of highly digestible ingredients for a diagnostic elimination diet trial in dogs or cats with suspected adverse reactions to food. Inclusion of one protein source and one carbohydrate source, with no other additions, results in a diet that is as close to home formulation as possible.[1,2]

This diet is not completely balanced and is inappropriate for long term feeding. It is intended for diagnostic purposes and should only be provided under the supervision of a veterinarian.

FEATURES:

- One animal protein source (kangaroo)[1-4]
- One carbohydrate source (sweet potato)[1-4]
- No animal fat, corn, or wheat (potential allergen sources)[1,2,5]

THERAPEUTIC INDICATIONS:

- Elimination diet for the diagnosis of adverse reactions to food (dermatologic and gastrointestinal)[1-4]

ALSO AVAILABLE:

Chunky Stew
Packaging: Lightweight Carton

Protein-Aligned, Simple Ingredient Treats

KANGAROO-DIAG™ (Freeze-Dried)

INGREDIENTS (Freeze-Dried):

Kangaroo, sweet potato flour, kangaroo liver, salt, mixed tocopherols, taurine, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Freeze-Dried (900 g bag)
ME: 3,521 kcal/kg as is;
3,630 kcal/kg dry weight
kcal/cup: 176
Approximate g/cup: 50

Percentage of Metabolizable Energy from:
Protein: 50.4%
Fat: 21.9%
Carbohydrates: 27.7%

KANGAROO-DIAG™ (Freeze-Dried)

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs and 50% between cats.[6, 7]
- The tables below can be used to estimate the amount to feed using the dog or cat's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- Avoid free feeding (unless there is a specifc medical reason); it may promote obesity over time especially in spayed or
- neutered dogs or cats.[8,9]
- This diet should be fed only for the length of the elimination diet trial.[1-3]
- Provide fresh water at all times.

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

FELINE FEEDING GUIDELINES

Kangaroo-DIAG (Freeze-Dried) 176 kcal/cup, 50g/cup				
Weight Class LB	Weight Class KG	Cups/Day	g/Day	Cups of Water to Add*
3 - 5	1.4 - 2.3	2/3 - 1	30 - 44	1/8 - 1/4
5 - 7	2.3 - 3.2	1 - 1 1/4	44 - 57	1/4 - 1/3
7 - 10	3.2 - 4.5	1 1/4 - 1 1/2	57 - 74	1/3 - 1/2
10 - 15	4.5 - 6.8	1 1/2 - 2	74 - 101	1/2 - 2/3

CANINE FEEDING GUIDELINES

Kangaroo-DIAG (Freeze-Dried) 176 kcal/cup, 50g/cup				
Weight Class LB	Weight Class KG	Cups/Day	g/Day	Cups of Water to Add*
5-10	2.3 - 4.5	1 - 1¾	52 - 87	¼ - ½
10-20	4.5 – 9.1	1¾ - 3	87 - 145	½ - ⅔
20-30	9.1-13.6	3 - 4	145 - 198	⅔ - 1
30-40	13.6 - 18.2	4 - 4¾	198 - 244	1 - 1⅓
40-50	18.2 - 22.7	4¾ - 5¾	244 - 290	1⅓ - 1½
50-60	22.7 – 27.3	5¾ - 6⅔	290 - 332	1½ - 1⅔
60-70	27.3 - 31.8	6⅔ - 7½	332 - 373	1⅔ - 1¾
70-80	31.8 - 36.4	7½ - 8¼	373 - 412	1¾ - 2
80-90	36.4 - 40.9	8¼ - 9	412 - 450	2 - 2¼
90-100	40.9 – 45.5	9 - 9¾	450 - 487	2¼ - 2⅓

* More or less water can be added depending on the individual dog or cat's preference. After water is added to the food, it should be consumed immediately.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[8] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog or cat's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Kangaroo treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[9]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

This diet is not balanced and is not appropriate for long term feeding. It is for diagnostic purposes only and is intended for use only under the close supervision of a veterinarian. This diet is not appropriate for use in growing puppies or kittens.[7]

DIFFERENT SUGGESTED TRANSITION DIETS AFTER ELIMINATION TRIAL:

For canine patients who do well on Kangaroo-DIAG™, a slow transition to Low Fat Kangaroo-MAINT™ (wet or dry) is advised. For feline patients, a slow transition to Kangaroo-MAINT (wet or freeze-dried) is advised. Ideally, an initial transition is made to either the wet diet or dry diet alone to assess patient tolerance and then, if successful, the other diet (ie. wet or dry) can be transitioned in.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41): 361-379.
2. Hensel, P. Nutrition and skin diseases in veterinary medicine. Clin Dermatol 2010;28 (6):686-693.
3. Verlinden A, Hesta M, Millet S, et al. Food allergy in dogs and cats: A review. Crit Rev Food Sci Nutr 2006;46:259-273.
4. Jackson HA. Diagnostic techniques in dermatology: the investigation and diagnosis of adverse food reactions in dogs and cats. Clin Tech Small An P 2001; 16(4):233-235.
5. Outerbridge C. Nutritional management of skin diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:157-174.
6. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010; 46(4):285-96.
7. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
8. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.
9. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on intenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl). 2004;88 (3-4):117-21.
10. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

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KANGAROO-DIAG™ (Chunky Stew)

Kangaroo-DIAG™ chunky stew contains a limited number of highly digestible ingredients for a diagnostic elimination diet trial in dogs or cats with suspected adverse reactions to food. Inclusion of one protein source and one carbohydrate source, with no other additions, results in a diet that is as close to home formulation as possible.[1-2]

This diet is not completely balanced and is inappropriate for long term feeding. It is intended for diagnostic purposes and should only be provided under the supervision of a veterinarian.

FEATURES:

- One animal protein source (kangaroo)[1-4]
- One carbohydrate source (tapioca)[1-4]
- No animal fat, corn, or wheat (potential allergen sources)[1,2,5]

THERAPEUTIC INDICATIONS:

- Elimination diet for the diagnosis of adverse reactions to food (dermatologic and gastrointestinal)[1-4]

ALSO AVAILABLE:

Freeze-Dried
Packaging: Stay-Fresh Bag

Protein-Aligned, Simple Ingredient Treats

KANGAROO-DIAG™ (Chunky Stew)

INGREDIENTS (Chunky Stew):

Kangaroo, water, tapioca starch, salt, taurine.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/BOX:

Wet (TetraPak): 354g
ME: 627 kcal/kg as is;
3,788 kcal/kg dry weight
kcal/cup: 176
kcal/box: 222

Percentage of Metabolizable Energy from:
Protein: 60.5%
Fat: 20.2%
Carbohydrates: 19.3%

KANGAROO-DIAG™ (Chunky Stew)

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs and 50% between cats.[6, 7]
- The tables below can be used to estimate the amount to feed using the dog or cat's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- Avoid free feeding (unless there is a specifc medical reason); it may promote obesity over time especially in spayed or
- neutered dogs or cats.[8,9]
- This diet should be fed only for the length of the elimination diet trial.[1-3]
- Provide fresh water at all times.

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

FELINE FEEDING GUIDELINES

Kangaroo-DIAG (Chunky Stew) 222 kcal/354 g box		
Weight Class LB	Weight Class KG	Boxes/Day
3 - 5	1.4 - 2.3	1/2 - 2/3
5 - 7	2.3 - 3.2	2/3 - 1
7 - 10	3.2 - 4.5	1 - 1 1/4
10 - 15	4.5 - 6.8	1 1/4 - 1 2/3

CANINE FEEDING GUIDELINES

Kangaroo-DIAG (Chunky Stew) 222 kcal/354 g box		
Weight Class LB	Weight Class KG	Boxes/Day
5 - 10	2.3 - 4.5	3/4 - 1 1/2
10 - 20	4.5 - 9.1	1 1/2 - 2 1/2
20 - 30	9.1 - 13.6	2 1/2 - 3
30 - 40	13.6 - 18.2	3 - 3 3/4
40 - 50	18.2 - 22.7	3 3/4 - 4 2/3
50 - 60	22.7 - 27.3	4 2/3 - 5 1/4
60 - 70	27.3 - 31.8	5 1/4 - 6
70 - 80	31.8 - 36.4	6 - 6 1/2
80 - 90	36.4 - 40.9	6 1/2 - 7 1/4
90 - 100	40.9 - 45.5	7 1/4 - 7 3/4

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[8] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog or cat's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Kangaroo treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[8]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

This diet is not balanced and is not appropriate for long term feeding. It is for diagnostic purposes only and is intended for use only under the close supervision of a veterinarian. This diet is not appropriate for use in growing puppies or kittens.[7]

DIFFERENT SUGGESTED TRANSITION DIETS AFTER ELIMINATION TRIAL:

For canine patients who do well on Kangaroo-DIAG™, a slow transition to Low Fat Kangaroo-MAINT™ (wet or dry) is advised. For feline patients, a slow transition to Kangaroo-MAINT (wet or freeze-dried) is advised. Ideally, an initial transition is made to either the wet diet or dry diet alone to assess patient tolerance and then, if successful, the other diet (ie. wet or dry) can be transitioned in.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

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KANGAROO-MAINT™ (Freeze-Dried)

Kangaroo-MAINT™ freeze-dried diet contains a limited number of novel ingredients, making it appropriate for an elimination diet trial and maintenance option in cats suspected to have allergic dermatologic or gastrointestinal disease.[1]

Algae provides a unique plant-based omega-3 source in order to manage the most sensitive allergy patients.[1] The addition of prebiotics to restore beneficial intestinal flora helps to maintain gastrointestinal health.[2]

The use of whole food/minimally processed ingredients and the unique freeze-drying process results in a less-processed, highly digestible, nutrient-dense and lower carbohydrate diet, while ensuring product safety.

FEATURES:

- One animal protein source (kangaroo)[1,2]
- No animal fat, corn, or wheat (potential allergen sources)
- Increased amounts of high-quality protein
- Low carbohydrate content
- Added prebiotics (fructooligosaccharides)
- Unique plant-based omega-3 source (marine microalgae)

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal) [1,4-7]
- Pancreatitis (patient dependent)[8,9]
- Diabetes mellitus (or cats at risk) with concurrent adverse food reactions or pancreatitis (patient dependent) [10-12]

ALSO AVAILABLE:

Chunky Stew
Packaging: Lightweight Carton

Pâté
Packaging: BPA-Free Can

Protein-Aligned, Simple Ingredient Treats

KANGAROO-MAINT™ (Freeze-Dried)

INGREDIENTS (Freeze-Dried):

Kangaroo, kangaroo liver, potato protein, flaxseed, sunflower oil, miscanthus grass, marine microalgae oil, fructooligosaccharide, calcium chloride, salt, choline chloride, potassium chloride, taurine, vitamins (vitamin E supplement, niacin, vitamin B12 supplement, vitamin A acetate, thiamin mononitrate, pyridoxine hydrochloride, riboflavin, d-calcium pantothenate, vitamin D3 supplement, biotin, folic acid), minerals (zinc methionine complex, zinc sulfate, iron proteinate, ferrous sulfate, copper proteinate, copper sulfate, manganese proteinate, sodium selenite, manganous oxide, calcium iodate, ethylenediamine dihydroiodide), mixed tocopherols, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Freeze-Dried (900 g bag)
ME: 4,953 kcal/kg as is;
5,213 kcal/kg dry weight
kcal/cup: 233
Approximate g/cup: 47

Percentage of Metabolizable Energy from:
Protein: 46.8%
Fat: 48.1%
Carbohydrates: 5.1%

KANGAROO-MAINT™ (Freeze-Dried)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	66.3	69.8	133.8
Fat	28.0	29.5	56.5
Crude Fibre	2.7	2.9	5.5
CHO-NFE#	7.2	7.6	14.6
Calcium	1.1	1.2	2.3
Phosphorus	0.80	0.85	1.6
Potassium	0.97	1.0	2.0
Sodium	0.35	0.37	0.70
Magnesium	0.11	0.11	0.22
EPA/DHA*	0.76	0.80	1.54

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 50% between cats.[13, 14]
- The tables below can be used to estimate the amount to feed using the cat's optimum weight.
- Avoid free feeding (unless there is a specifc medical reason); it may promote obesity over time.[15]
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- It is ideal to feed cats multiple smaller meals per day and provide fresh water at all times.

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

KANGAROO-MAINT (Freeze-Dried)
223 kcal/cup, 47 g/cup

MAINTENANCE				
Weight Class LB	Weight Class KG	Cups to Feed Per Day	g/Day	Cups of Water to Add*
3 - 5	1.4 - 2.3	1/2 - 2/3	21 - 31	1/8 - 1/4
5 - 7	2.3 - 3.2	2/3 - 1	31 - 40	1/4 - 1/3
7 - 10	3.2 - 4.5	1 - 1 1/4	40 - 53	1/3 - 1/2
10 - 15	4.5 - 6.8	1 1/4 - 1 1/2	53 - 72	1/2 - 2/3

* More or less water can be added depending on the individual cat's preference. After water is added to the food, it should be consumed immediately.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[16] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each cat's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Kangaroo treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[15]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The feline Kangaroo-MAINT freeze-dried diet has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult cats

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41): 361-379.
2. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK. Wiley-Blackwell, 2012: 175-219.
3. Wills J and Harvey R. Diagnosis and management of food allergy and intolerance in dogs and cants. Aust Vet J 1994;71(10):322-326.
4. Marsella R. Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL (eds). Muller d Kirk's Small Animal Dermatology. 7th ed. S. Louis, US: Elsevier, 2013: 363-431.
5. Guilford WG, Jones BR, Markwell PJ, et al. Food Sensitivity in cats with chronic idiopathic gastrointestinal problems. J Vet Intern Med 2001; 15: 7-13.
6. Verlinden A, Hesta M, Millett S, et al. Food allergy in dogs and cats: a review. Crit Rev Food Sci 2006;46:259-273.
7. Bryan J and Frank L. Food allergy in the cat: a diagnosis by elimination. J Feline Med Surg 2010; 12(11): 861-866.
8. Zoran D. Management of concurrent pancreatitis and inflammatory bowel disease. In: Little S (ed). The Cat – Clinical Medicine and Mangement. St. Louis MO: Elsevier Saunders, 2012: 1114-1116.
9. Davenport DJ, Remillard RL & Simpson KW. Acute and Chronic Pancreatitis. In: Hand MS, Thatcher CD, Remillard RL, Roudebush P, Novotny BJ (eds) Small Animal Clinical Nutrition, 5th Edition. Mark Morris Institute, Topeka Kansas 2010: 1143-1153.
10. Bennett N, Greco DS, Peterson ME, et al. Comparison of a low carbohydrate – low fibre diet and a moderate carbohydrate – high fiber diet in the management of feline diabetes mellitus. J Feline Med Surg 2006; 8(2): 73-84.
11. Peterson ME, Eirmann L. Dietary management of feline endocrine disease. Vet Clin Small Anim 2014; 44(4): 775-778.
12. Sparkes AH, Cannon M, Church D, et al. ISFM consensus guidelines on the practical management of diabetes mellitus in cats. J Feline Med Surg 2015;17(3): 235-250
13. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010 Jul-Aug; 46(4): 283-296.
14. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements for dogs and cats, 2006.
15. Fascetti AJ, Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK: Wiley-Blackwell, 2012: 75-94.
16. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

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KANGAROO-MAINT™ (Chunky Stew)

Kangaroo-MAINT™ feline chunky stew contains a limited number of highly digestible ingredients, a nutrient profile that supports gastrointestinal health, and is appropriate for elimination diet trials, with novel protein sources, in cats suspected of having allergic dermatologic or gastrointestinal disease.[1]

Algae provides a unique plant-based omega-3 source in order to manage the most sensitive allergy patients.[2] The addition of prebiotics to restore beneficial intestinal flora helps to maintain gastrointestinal health.[3]

FEATURES:

- Single animal protein source (kangaroo) [1,4]
- No animal fat, corn, or wheat (potential allergen sources)
- High-quality protein for lean body mass
- Added prebiotics (fructooligosaccharides)
- Unique plant-based omega-3 source (marine microalgae)

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal [1,5-8]
- Pancreatitis (patient dependent) [9,10]
- Diabetes mellitus (or cats at risk) with concurrent gastrointestinal disease or pancreatitis [11-13]

ALSO AVAILABLE:

Freeze-Dried
Packaging: Stay-Fresh Bag

Pâté
Packaging: BPA-Free Can

Protein-Aligned, Simple Ingredient Treats Available

KANGAROO-MAINT™ (Chunky Stew)

INGREDIENTS (CHUNKY STEW):

Kangaroo, water, kangaroo liver, bell peppers, tapioca starch, sunflower oil, carrots, glycine, marine microalgae, spinach, fructooligosaccharides, vitamins (vitamin E supplement, thiamine mononitrate, vitamin B12 supplement, niacin supplement, L–ascorbyl-2-polyphosphate, folic acid, d-calcium pantothenate, vitamin A supplement, pyridoxine hydrochloride, biotin, riboflavin supplement, vitamin D3 supplement), tricalcium phosphate, salt, choline chloride, minerals (zinc proteinate, ferrous sulfate, zinc sulfate, iron proteinate, copper proteinate, copper sulfate, manganese proteinate, manganese sulfate, sodium selenite, calcium iodate, potassium iodide), taurine, potassium chloride.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/BOX:

Chunky Stew (TetraPak): 182 g
ME: 881 kcal/kg as is;
4,237 kcal/kg dry weight
kcal/box: 160

Percentage of Metabolizable Energy from:
Protein: 47.9%
Fat: 38.0%
Carbohydrates: 14.1%

KANGAROO-MAINT™ (Chunky Stew)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	12.1	58.0	137.0
Fat	3.9	18.9	44.7
Crude Fibre	0.15	0.70	1.7
CHO-NFE#	3.5	17.0	40.2
Calcium	0.23	1.1	2.6
Phosphorus	0.22	1.1	2.5
Potassium	0.23	1.1	2.6
Sodium	0.10	0.49	1.2
Magnesium	0.02	0.09	0.22
EPA/DHA*	0.12	0.58	1.37

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow you veterinarian's instructions, as feeding amounts can vary by as much as 50% between cats.[14, 15]
- The tables below can be used to estimate the amount to feed using the cat's optimum weight.
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[15]
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- It is ideal to feed cats multiple smaller meals per day and provide fresh water at all times.

KANGAROO-MAINT (Chunky Stew)
160 kcal/182 g box

MAINTENANCE		
Weight Class LB	Weight Class KG	Boxes to Feed Per Day
3 - 5	1.4 - 2.3	$^2/_3$ - 1
5 - 7	2.3 - 3.2	1 - 1 $^1/_4$
7 - 10	3.2 - 4.5	1 $^1/_4$ - 1 $^2/_3$
10 - 15	4.5 - 6.8	1 $^2/_3$ - 2 $^1/_4$

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[17] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each cat's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Kangaroo treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[15]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The feline Kangaroo-MAINT chunky stew diet has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult cats.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41): 361-379.
2. Lennox, CE, Overview of fatty acids in companion animal medicine. JAVMA, Vol 246, No 11, June 1, 2015. pp1198-1202.
3. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK. Wiley-Blackwell, 2012: 175-219.
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6. Guilford WG, Jones BR, Markwell PJ, et al. Food Sensitivity in cats with chronic idiopathic gastrointestinal problems. J Vet Intern Med 2001; 15: 7-13.
7. Verlinden A, Hesta M, Millett S, et al. Food allergy in dogs and cats: a review. Crit Rev Food Sci 2006;46:259-273.
8. Bryan J and Frank L. Food allergy in the cat: a diagnosis by elimination. J Feline Med Surg 2010; 12(11): 861-866.
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10. Davenport DJ, Remillard RL & Simpson KW. Acute and Chronic Pancreatitis. In: Hand MS, Thatcher CD, Remillard RL, Roudebush P, Novotny BJ (eds) Small Animal Clinical Nutrition, 5th Edition. Mark Morris Institute, Topeka Kansas 2010: 1143-1153.
11. Bennett N, Greco DS, Peterson ME, et al. Comparison of a low carbohydrate – low fibre diet and a moderate carbohydrate – high fiber diet in the management of feline diabetes mellitus. J Feline Med Surg 2006; 8(2): 73-84.
12. Peterson ME, Eirmann L. Dietary management of feline endocrine disease. Vet Clin Small Anim 2014; 44(4): 775-778.
13. Sparkes AH, Cannon M, Church D, et al. ISFM consensus guidelines on the practical management of diabetes mellitus in cats. J Feline Med Surg 2015;17(3): 235-250.
14. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010 Jul-Aug; 46(4): 283-296.
15. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements for dogs and cats, 2006.
16. Fascetti AJ, Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK: Wiley-Blackwell, 2012: 75-94.
17. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

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KANGAROO-MAINT™ (Pâté)

Kangaroo-MAINT™ feline pâté diet contains a limited number of highly digestible ingredients, a nutrient profile that supports gastrointestinal health, and is appropriate for elimination diet trials, with novel protein sources, in cats suspected of having allergic dermatologic or gastrointestinal disease.[1]

Algae provides a unique plant-based omega-3 source in order to manage the most sensitive allergy patients.[1] The addition of prebiotics to restore beneficial intestinal flora helps to maintain gastrointestinal health.[2]

FEATURES:

- Single animal protein source (kangaroo) [1,2]
- No animal fat, corn, or wheat (potential allergen sources)
- High quality protein for lean body mass
- Added prebiotics (fructooligosaccharides)
- Unique plant-based omega-3 source (marine microalgae)

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal [1,4-7]
- Pancreatitis (patient dependent) [8,9]
- Diabetes mellitus (or cats at risk) with concurrent gastrointestinal disease or pancreatitis [10-12]

ALSO AVAILABLE:

- Freeze-Dried *Packaging: Stay-Fresh Bag*
- Chunky Stew Packaging: Lightweight Carton
- Pâté Packaging: BPA-Free Can
- Protein-Aligned, Simple Ingredient Treats Available

KANGAROO-MAINT™ (Pâté)

INGREDIENTS (Pâté):

Kangaroo, water, kangaroo liver, dried potatoes, sunflower oil, dried sweet potatoes, natural flavor, dried celery, agar-agar, marine microalgae oil, inulin, potassium chloride, salt, choline chloride, taurine, minerals (zinc proteinate, iron proteinate, copper proteinate, manganese proteinate, sodium selenite, ethylenediamine dihydroiodide), vitamins (vitamin E supplement, niacin supplement, thiamine mononitrate, d-calcium pantothenate, vitamin A supplement, riboflavin supplement, vitamin B12 supplement, pyridoxine hydrochloride, biotin, folic acid, vitamin D3 supplement).

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CAN:

Canned Pâté (156g)
ME: 927 kcal/kg as is;
3,929 kcal/kg dry weight
kcal/can: 145

Percentage of Metabolizable Energy from:
Protein: 46.7%
Fat: 36.6%
Carbohydrates: 16.7%

KANGAROO-MAINT™ (Pâté)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	12.4	52.4	133.5
Fat	4.0	16.9	43.1
Crude Fibre	0.32	1.4	3.5
CHO-NFE#	4.4	18.7	47.6
Calcium	0.44	1.8	4.7
Phosphorus	0.31	1.3	3.4
Potassium	0.38	1.6	4.1
Sodium	0.11	0.48	1.2
Magnesium	0.02	0.09	0.24
EPA/DHA*	0.12	0.52	1.3

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow you veterinarian's instructions, as feeding amounts can vary by as much as 50% between cats.[12,14]
- The tables below can be used to estimate the amount to feed using the cat's optimum weight.
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[15]
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- It is ideal to feed cats multiple smaller meals per day and provide fresh water at all times.

KANGAROO-MAINT (Pâté)
145 kcal/156g can

MAINTENANCE		
Weight Class LB	Weight Class KG	Cans to Feed Per Day
3 - 5	1.4 - 2.3	$^{3}/_{4}$ - 1
5 - 7	2.3 - 3.2	1 - 1 $^{1}/_{2}$
7 - 10	3.2 - 4.5	1 $^{1}/_{2}$ - 1 $^{3}/_{4}$
10 - 15	4.5 - 6.8	1 $^{3}/_{4}$ - 2 $^{1}/_{2}$

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[16] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each cat's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Kangaroo treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[15]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The feline Kangaroo-MAINT pâté diet has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult cats.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41): 361-379.
2. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK. Wiley-Blackwell, 2012: 175-219.
3. Wills J and Harvey R. Diagnosis and management of food allergy and intolerance in dogs and cants. Aust Vet J 1994;71(10):322-326.
4. Marsella R. Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL (eds). Muller and Kirk's Small Animal Dermatology. 7th ed. S. Louis, US:nElsevier; 2013: 363-431.
5. Guilford WG, Jones BR, Markwell PJ, et al. Food Sensitivity in cats with chronic idiopathic gastrointestinal problems. J Vet Intern Med 2001; 15: 7-13.
6. Verlinden A, Hesta M, Millett S, et al. Food allergy in dogs and cats: a review. Crit Rev Food Sci 2006;46:259-273.
7. Bryan J and Frank L. Food allergy in the cat: a diagnosis by elimination. J Feline Med Surg 2010; 12(11): 861-866.
8. Zoran D. Management of concurrent pancreatitis and inflammatory bowel disease. In: Little S (ed). The Cat – Clinical Medicine and Mangement. St. Louis MO: Elsevier Saunders, 2012: 1114-1116.
9. Davenport DJ, Remillard RL & Simpson KW. Acute and Chronic Pancreatitis. In: Hand MS, Thatcher CD, Remillard RL, Roudebush P, Novotny BJ (eds) Small Animal Clinical Nutrition, 5th Edition. Mark Morris Institute, Topeka Kansas 2010: 1143-1153.
10. Bennett N, Greco DS, Peterson ME, et al. Comparison of a low carbohydrate – low fibre diet and a moderate carbohydrate – high fiber diet in the management of feline diabetes mellitus. J Feline Med Surg 2006; 8(2): 73-84.
11. Peterson ME, Eirmann L. Dietary management of feline endocrine disease. Vet Clin Small Anim 2014; 44(4): 775-778.
12. Sparkes AH, Cannon M, Church D, et al. ISFM consensus guidelines on the practical management of diabetes mellitus in cats. J Feline Med Surg 2015;17(3): 235-250.
13. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010 Jul-Aug; 46(4): 283-296.
14. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements for dogs and cats, 2006.
15. Fascetti AJ, Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK: Wiley-Blackwell, 2012: 75-94.
16. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

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LOW FAT KANGAROO-MAINT™ (Dry)

Low Fat Kangaroo-MAINT™ canine dry diets contain a limited number of highly digestible, low-fat ingredients that provide a nutrient profile that is appropriate for fat-intolerant diseases and suspected adverse reactions to food.

Inclusion of low-fat kangaroo and sweet potato results in a nutritionally complete novel protein diet that is one of the lowest fat therapeutic diets available. Antioxidants in the sweet potato help support the immune system while the optimal blend of fibre and inclusion of prebiotics (FOS) help maintain gastrointestinal health. Moderate phosphorus content facilitates use in allergic patients with concurrent IRIS stage 1 and 2, non-proteinuric renal disease.

FEATURES:

- Low fat
- Novel animal protein source (kangaroo)[1,2]
- No animal fat, corn, or wheat (potential allergen sources)[1,2]
- Moderately low phosphorus content (dry diet)
- High quality protein for lean body mass
- High digestibility
- Added prebiotics (fructooligosaccharides)[2]

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[1-4]
- Acute and chronic pancreatitis[5-8]
- Acute gastroenteritis[9]
- Protein-losing enteropathies (PLE) and lymphangiectasia[2,10]
- Hyperlipidemia[11]
- Gall bladder diseases, including mucocele[12]
- Patients with allergic or fat intolerant disease with concurrent IRIS stage 1-2 non-proteinuric renal disease[12,14]

ALSO AVAILABLE:

Chunky Stew
Packaging: Lightweight Carton

Pâté
Packaging: BPA-Free Can

Protein-Aligned, Simple Ingredient Treats Available

More details on the next page. >>

LOW FAT KANGAROO-MAINT™ WITH CHICKPEA (Dry)

INGREDIENTS (DRY):

Kangaroo, dried chickpeas, dried potatoes, potato protein, pea protein, dried peas, dried sweet potatoes, natural flavor, sunflower oil, (preserved with mixed tocopherols), coconut oil, calcium carbonate, dicalcium phosphate, salt, fructooligosaccharides, vitamins (vitamin E supplement, vitamin B12 supplement, niacin, d-calcium pantothenate, vitamin A acetate, biotin, riboflavin, thiamin mononitrate, vitamin D3 supplement, pyridoxine hydrochloride, folic acid), choline chloride, minerals (ferrous sulfate, zinc oxide, manganous oxide, copper sulfate, iron amino acid chelate, zinc amino acid chelate, manganese amino acid chelate, copper amino acid chelate, sodium selenite, cobalt carbonate, ethylenediamine dihydriodine), taurine, mixed tocopherols, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Dry (3kg and 11kg)
ME: 3,333 kcal/kg as is;
3,622 kcal/kg dry weight
Approximate g/cup: 94
kcal/cup: 313

Percentage of Metabolizable Energy from:
Protein: 32.8%
Fat: 19.7%
Carbohydrates: 47.5%

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	31.2	33.9	93.6
Fat	7.7	8.4	23.2
Crude Fibre	2.2	2.4	6.6
CHO-NFE#	45.3	49.2	135.9
Calcium	0.73	0.79	2.2
Phosphorus	0.56	0.61	1.7
Potassium	1.3	1.4	3.9
Sodium	0.20	0.22	0.61
Magnesium	0.14	0.16	0.43
Copper	21.4 mg/kg	23.3 mg/kg	6.4 mg
Taurine	0.13	0.14	0.38
EPA/DHA*	0.0	0.0	0.0

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

LOW FAT KANGAROO-MAINT WITH CHICKPEA (Dry)
313 kcal/cup

Weight Class LB	Weight Class KG	Cups to Feed Per Day
5 - 10	2.3 - 4.5	2/3 - 1
10 - 20	4.5 - 9.1	1 - 1 2/3
20 - 30	9.1 - 13.6	1 2/3 - 2 1/4
30 - 40	13.6 - 18.2	2 1/4 - 2 3/4
40 - 50	18.2 - 22.7	2 3/4 - 3 1/4
50 - 60	22.7 - 27.3	3 1/4 - 3 3/4
60 - 70	27.3 - 31.8	3 3/4 - 4 1/4
70 - 80	31.8 - 36.4	4 1/4 - 4 2/2
80 - 90	36.4 - 40.9	4 2/2 - 5
90 - 100	40.9 - 45.5	5 - 5 1/2

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[15, 16]
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[17]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[8] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

LOW FAT KANGAROO-MAINT™ WITH QUINOA (Dry)

INGREDIENTS (DRY):

Kangaroo, quinoa, dried potato, potato protien, dried sweet potato, natural flavor, sunflower oil (preserved with mixed tocopherols), coconut oil, calcium carbonate, dicalcium phosphate, salt, fructooligosaccharides, choline chloride, vitamins (vitamin E supplement, vitamin B12 supplement, niacin, d-calcium pantothenate, vitamin A acetate, biotin, riboflavin, thiamin mononitrate, vitamin D3 supplement, pyridoxine hydrochloride, folic acid), taurine, minerals (zinc methionine complex, zinc sulfate, iron proteinate, ferrous sulfate, copper proteinate, copper sulfate, manganese proteinate, sodium selenite, manganous oxide, calcium iodate, ethylenediamine dihydroiodide), mixed tocopherols, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Dry (3kg and 11kg)
ME: 3,328 kcal/kg as is;
3,618 kcal/kg dry weight
Approximate g/cup: 99
kcal/cup: 330

Percentage of Metabolizable Energy from:
Protein: 32.6%
Fat: 19.4%
Carbohydrates: 48.0%

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	31.0	33.7	93.1
Fat	7.6	8.2	22.8
Crude Fibre	2.0	2.1	5.9
CHO-NFE#	45.1	49.7	137.3
Calcium	0.76	0.83	2.3
Phosphorus	0.54	0.59	1.6
Potassium	1.1	1.1	3.6
Sodium	0.21	0.23	0.64
Magnesium	0.13	0.14	0.40
Copper	21.7 mg/kg	23.5 mg/kg	6.5 mg
Taurine	0.13	0.15	0.41
EPA/DHA*	0.0	0.0	0.0

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

LOW FAT KANGAROO-MAINT WITH QUINOA (Dry)
378 kcal/cup

Weight Class LB	Weight Class KG	Cups to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 1
10 - 20	4.5 - 9.1	1 - 1 1/2
20 - 30	9.1 - 13.6	1 1/2 - 2
30 - 40	13.6 - 18.2	2 - 2 2/2
40 - 50	18.2 - 22.7	2 2/2 - 3
50 - 60	22.7 - 27.3	3 - 3 1/2
60 - 70	27.3 - 31.8	3 1/2 - 4
70 - 80	31.8 - 36.4	4 - 4 1/2
80 - 90	36.4 - 40.9	4 1/2 - 4 3/4
90 - 100	40.9 - 45.5	4 3/4 - 5 1/4

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs. [15,16]
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[17]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[18] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS:

Rayne Rewards S.I.T. Kangaroo treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits are acceptable plant-based protein treats for use in a stable allergic or nonallergic patient. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[19]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The canine Low Fat Kangaroo-MAINT dry diets have been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult dogs.

RESEARCH & DEVELOPMENT TRIALS

Digestibility studies, amino acid analysis and taurine-uptake studies have been completed on the Canine Low Fat Kangaroo-MAINT (with Chickpea) diet.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41):361-379.
2. Verlinden A, Hesta M, Millet S, et al. Food allergy in dogs and cats: A review. Crit Rev Food Sci Nutr 2006;46:259-273.
3. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:175-219.
4. Marsella R, Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL, editors. Muller and Kirk's Small Animal Dermatology. 7th ed. St. Louis, US: Elsevier; 2013. p. 363-431.
5. Villaverde C. Nutritional management of exocrine pancreatic diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley Blackwell,2012:221-233.
6. Mansfield, C. Acute pancreatitis in dogs: Advances in understanding, diagnostics, and treatment. Top Companion Anim Med 2012; 27(3):123-32.
7. Watson PJ, Archer J, Roulois AJ, et al. Observational study of 14 cases of chronic pancreatitis in dogs. Vet Rec 2010;167(25):968-76.
8. Watson P. Chronic pancreatitis in dogs. Top Companion Anim Med. 2012;27(3):133-9.
9. Guilford WG. Nutritional management of gastrointestinal tract diseases of dogs and cats. J Nutr 1994; 124:2663S-2669S.
10. Dossin, O and Lavoué, R. Protein-losing enteropathies in dogs. Vet Clin Small Anim 2011; 41:399-418.
11. Xenoulis PG, Steiner JM. Lipid metabolism and hyperlipidemia in dogs. Vet J 2010; 183(1):12-21.
12. Aguirre AL , Center SA, Randolph JF, et al. Gallbladder disease in Shetland Sheepdogs: 38 cases (1995-2005). J Am Vet Med Assoc. 2007;231(1):79-88.
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14. IRIS (International Renal Interest Society) Canine Guidelines 2013. http://www.iris-kidney.com/guidelines/recommendations.shtml.
15. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010; 46(4):285-96.
16. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
17. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on maintenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl). 2004;88 (3-4):117-21.
18. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.
19. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.

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LOW FAT KANGAROO-MAINT™ (Chunky Stew)

Low Fat Kangaroo-MAINT™ canine chunky stew contains a limited number of highly digestible, low-fat ingredients that provide a nutrient profile that is appropriate for fat-intolerant diseases and suspected adverse reactions to food.

Inclusion of low-fat kangaroo and sweet potato results in a nutritionally complete novel protein diet that is one of the lowest fat therapeutic diets available. Antioxidants in the sweet potato help support the immune system while the optimal blend of fibre and inclusion of prebiotics (FOS) help maintain gastrointestinal health.

FEATURES:

- Low fat
- Novel animal protein source (kangaroo)[1,2]
- No animal fat, corn, or wheat (potential allergen sources)[1,2]
- High quality protein for lean body mass
- High digestibility
- Added prebiotics (fructooligosaccharides)[2]

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[1-4]
- Acute and chronic pancreatitis[5-8]
- Acute gastroenteritis[9]
- Protein-losing enteropathies (PLE) and lymphangiectasia[2,10]
- Hyperlipidemia[11]
- Gall bladder diseases, including mucocele[12]

ALSO AVAILABLE:

Extruded Dry Kibble
Packaging: Stay-Fresh Bag

Pâté
Packaging: BPA-Free Can

Protein-Aligned, Simple Ingredient Treats Available

LOW FAT KANGAROO-MAINT™ (Chunky Stew)

INGREDIENTS (CHUNKY STEW):

Kangaroo, water, sweet potatoes, red peppers, tapioca starch, pumpkin, sunflower oil, calcium carbonate, vitamins (vitamin E supplement, thiamine mononitrate, vitamin B12 supplement, niacin supplement, L-ascorbyl-2-polyphosphate, folic acid, d-calcium pantothenate, vitamin A supplement, pyridoxine hydrochloride, biotin, riboflavin supplement, vitamin D3 supplement), marine microalgae, fructooligosaccharides, salt, minerals (zinc proteinate, ferrous sulfate, zinc sulfate, iron proteinate, copper proteinate, copper sulfate, manganese proteinate, manganese sulfate, sodium selenite, calcium iodate, potassium iodide), choline chloride, taurine

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/BOX:

Wet (TetraPak): 354 g
ME: 849 kcal/kg as is;
3,536 kcal/kg dry weight
kcal/box: 300

Percentage of Metabolizable Energy from:
Protein: 46.0%
Fat: 19.1%
Carbohydrates: 34.9%

LOW FAT KANGAROO-MAINT™ (Chunky Stew)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	11.2	46.5	131.6
Fat	1.9	8.0	22.5
Crude Fibre	0.44	1.8	5.2
CHO-NFE#	8.4	35.2	99.6
Calcium	0.26	1.1	3.0
Phosphorus	0.19	0.80	2.3
Potassium	0.28	1.2	3.3
Sodium	0.11	0.46	1.3
Magnesium	0.03	0.11	0.30
Copper	5.7 mg/kg	23.6 mg/kg	6.7 mg
Taurine	0.03	0.13	0.36
EPA/DHA*	0.04	0.17	0.49

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[12, 14]
- Avoid free-feeding (unless there is a specific medical reason); it may promote obesity over time, especially in spayed or neutered dogs. [15]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

LOW FAT KANGAROO-MAINT (Chunky Stew)
200 kcal/354 g box

MAINTENANCE		
Weight Class LB	Weight Class KG	Boxes to Feed Per Day
5 - 10	2.3 - 4.5	$^{2}/_{3}$ - 1
10 - 20	4.5 - 9.1	1 - 1 $^{3}/_{4}$
20 - 30	9.1 - 13.6	1 $^{3}/_{4}$ - 2 $^{1}/_{3}$
30 - 40	13.6 - 18.2	2 $^{1}/_{3}$ - 2 $^{3}/_{4}$
40 - 50	18.2 - 22.7	2 $^{3}/_{4}$ - 3 $^{1}/_{2}$
50 - 60	22.7 - 27.3	3 $^{1}/_{2}$ - 3 $^{3}/_{4}$
60 - 70	27.3 - 31.8	3 $^{3}/_{4}$ - 4 $^{1}/_{2}$
70 - 80	31.8 - 36.4	4 $^{1}/_{2}$ - 4 $^{3}/_{4}$
80 - 90	36.4 - 40.9	4 $^{3}/_{4}$ - 5 $^{1}/_{4}$
90 - 100	40.9 - 45.5	5 $^{1}/_{4}$ - 5 $^{3}/_{4}$

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[16] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Kangaroo treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits are acceptable plant-based protein treats for use in a stable allergic or nonallergic patient. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[17]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The canine Low Fat Kangaroo-MAINT chunky stew has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult dogs.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne Clinical Consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41):361-379.
2. Verlinden A, Hesta M, Millet S, et al. Food allergy in dogs and cats: A review. Crit Rev Food Sci Nutr 2006;46:259-273.
3. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:175-219.
4. Marsella R, Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL, editors. Muller and Kirk's Small Animal Dermatology. 7th ed. St. Louis, US: Elsevier; 2013. p. 363-431.
5. Villaverde C. Nutritional management of exocrine pancreatic diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley- Blackwell,2012:221-233.
6. Mansfield, C. Acute pancreatitis in dogs: Advances in understanding, diagnostics, and treatment. Top Companion Anim Med 2012; 27(3):123-32.
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8. Watson P. Chronic pancreatitis in dogs. Top Companion Anim Med. 2012;27(3):133-9.
9. Guilford WG. Nutritional management of gastrointestinal tract diseases of dogs and cats. J Nutr 1994; 124:2663S-2669S.
10. Dossin, O and Lavoué, R. Protein-losing enteropathies in dogs. Vet Clin Small Anim 2011; 41:399-418.
11. Xenoulis PG, Steiner JM. Lipid metabolism and hyperlipidemia in dogs. Vet J 2010; 183(1):12-21.
12. Aguirre AL , Center SA, Randolph JF, et al. Gallbladder disease in Shetland Sheepdogs: 38 cases (1995-2005). J Am Vet Med Assoc. 2007;231(1):79-88.
13. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010; 46(4):285-96.
14. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
15. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on maintenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl). 2004;88 (3-4):117-21.
16. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.
17. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.

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LOW FAT KANGAROO-MAINT™ (Pâté)

Low Fat Kangaroo-MAINT™ canine pâté diet contains a limited number of highly digestible, low-fat ingredients that provide a nutrient profile that is appropriate for fat-intolerant diseases and suspected adverse reactions to food.

Inclusion of low fat kangaroo and sweet potato results in a nutritionally complete, novel protein diet that is one of the lowest fat therapeutic diets available. Antioxidants in the sweet potato help support the immune system, while the optimal blend of fibre and inclusion of prebiotics (FOS) help maintain gastrointestinal health.

FEATURES:

- Low fat
- Novel animal protein source (kangaroo)[1,2]
- No animal fat, corn, or wheat (potential allergen sources)[1,2]
- High quality protein for lean body mass
- Optimal blend of fibre maintains gastrointestinal health
- Added prebiotics (fructooligosaccharides)[2]

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[1-4]
- Acute and chronic pancreatitis[5-8]
- Acute gastroenteritis[9]
- Protein-losing enteropathies (PLE) and lymphangiectasia[2,10]
- Hyperlipidemia[11]
- Gall bladder diseases, including mucocele[12]

ALSO AVAILABLE:

Extruded Dry Kibble
Packaging: Stay-Fresh Bag

Chunky Stew
Packaging: Lightweight Carton

Protein-Aligned, Simple Ingredient Treats

LOW FAT KANGAROO-MAINT™ (Pâté)

INGREDIENTS (Pâté):

Kangaroo, water, dried sweet potatoes, kangaroo liver, dried potatoes, sunflower oil, agar-agar, dried celery, inulin, potassium chloride, salt, calcium carbonate, choline chloride, taurine, vitamins (vitamin E supplement, niacin supplement, thiamine mononitrate, d-calcium pantothenate, vitamin A supplement, riboflavin supplement, aitamin B12 supplement, pyridoxine hydrochloride, biotin, folic acid, vitamin D3 supplement), minerals (zinc proteinate, iron proteinate, copper proteinate, magnesium proteinate, manganese proteinate, sodium selenite, ethylenediamine dihydroiodide).

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CAN:

Pâté (369g)
ME: 850 kcal/kg as is;
3,605 kcal/kg dry weight
kcal/can: 314

Percentage of Metabolizable Energy from:
Protein: 48.1%
Fat: 22.6%
Carbohydrates: 29.3%

LOW FAT KANGAROO-MAINT™ (Pâté)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	11.7	48.6	134.4
Fat	2.3	9.4	26.0
Crude Fibre	0.47	1.9	5.4
CHO-NFE#	7.1	31.6	87.4
Calcium	0.42	1.8	4.8
Phosphorus	0.30	1.3	3.5
Potassium	0.4	1.7	4.6
Sodium	0.11	0.43	1.2
Magnesium	0.02	0.10	0.28
Copper	3.9 mg/kg	16.3 mg/kg	4.5 mg
Taurine	0.03	0.11	0.31
EPA/DHA*	0.02	0.04	0.12

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[12, 14]
- Avoid free-feeding (unless there is a specific medical reason); it may promote obesity over time, especially in spayed or neutered dogs. [15]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

LOW FAT KANGAROO-MAINT (Pâté)
314 kcal/369g can

MAINTENANCE		
Weight Class LB	Weight Class KG	Cans to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 1
10 - 20	4.5 - 9.1	1 - 1 2/3
20 - 30	9.1 - 13.6	1 2/3 - 2 1/4
30 - 40	13.6 - 18.2	2 1/4 - 2 3/4
40 - 50	18.2 - 22.7	2 3/4 - 3 1/4
50 - 60	22.7 - 27.3	3 1/4 - 3 3/4
60 - 70	27.3 - 31.8	3 3/4 - 4 1/4
70 - 80	31.8 - 36.4	4 1/4 - 4 2/3
80 - 90	36.4 - 40.9	4 2/3 - 5
90 - 100	40.9 - 45.5	5 - 5 1/2

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[18] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Kangaroo treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits are acceptable in a stable allergic or a non-allergic patient. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[17]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The canine Low Fat Kangaroo-MAINT pâté diet has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult dogs.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41):361-379.
2. Verlinden A, Hesta M, Millet S, et al. Food allergy in dogs and cats: A review. Crit Rev Food Sci Nutr 2006;46:259-273.
3. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:175-219.
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5. Villaverde C. Nutritional management of exocrine pancreatic diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:221-233.
6. Mansfield, C. Acute pancreatitis in dogs: Advances in understanding, diagnostics, and treatment. Top Companion Anim Med 2012; 27(3):123-32.
7. Watson PJ, Archer J, Roulois AJ, et al. Observational study of 14 cases of chronic pancreatitis in dogs. Vet Rec 2010;167(25):968-76.
8. Watson P. Chronic pancreatitis in dogs. Top Companion Anim Med. 2012;27(3):133-9.
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11. Xenoulis PG, Steiner JM. Lipid metabolism and hyperlipidemia in dogs. Vet J 2010; 183(1):12-21.
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13. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim HospAssoc. 2010; 46(4):285-96.
14. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
15. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect onmaintenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl). 2004;88 (3-4):117-21.
16. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178
17. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.

DS114-0323
Last updated: 3/14/2023

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This diet page reflects the nutritional information for products with an estimated best by date of Sept. 8, 2023 or later. Please visit raynenutrition.com to ensure you are using the most up-to-date information.

PLANT-BASED™ (Dry)

Plant-Based™ canine dry diet contains a limited number of plant-based ingredients making it appropriate for an elimination diet trial and maintenance option in dogs suspected to have allergic dermatologic or gastrointestinal disease.[1] Fava beans, chickpeas, potato, and quinoa provide unique, non-animal novel protein and carbohydrate sources. Algae provides a plant-based omega-3 source in order to order to manage the most sensitive allergy patients.[2] A blend of fibre sources and the addition of prebiotics helps to maintain gastrointestinal health.[3]

This diet is carefully formulated to provide recommended levels of all essential amino acids, including methionine and cystine. It is also supplemented with taurine and carnitine to support heart health.[4]

FEATURES:

- Unique plant-based protein sources
- No animal protein, animal fat, corn or wheat (potential allergen sources)[1,5-7]
- Unique plant-based omega-3 fatty acid source provides EPA/DHA[2]
- Coconut oil provides a source of medium-chain triglycerides (MCT)
- Moderate fat content
- Added prebiotics (fructooligosaccharides)[3]
- Blend of soluble and insoluble fibre to support the gastrointestinal microbiome[3]

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[1,2,5,7-11]
- Growing puppies with adverse reactions to food (dermatologic and gastrointestinal)[1,2,5,7-11]
- Acute or chronic pancreatitis (patientdependent)[12-15]
- Non-copper-associated liver disease (patient-dependent)[16-19]
- Consideration for individual patients with liver failure, hepatic encephalopathy, and porto-systemic shunts (patient-dependent)[16-19*]

*Case consultation is recommended.

ALSO AVAILABLE:

Chunky Stew
Packaging: Lightweight Carton

Protein-Aligned, Simple Ingredient Treats

PLANT-BASED™ (Dry)

INGREDIENTS (Dry):

Quinoa, fava protein, millet, fava bean, sorghum, coconut oil, natural flavoring, blueberry fiber, dicalcium phosphate, dried pumpkin, calcium carbonate, flaxseeds, salt, marine microalgae, threonine, fructooligosaccharides, choline chloride, taurine, DL-methionine, vitamins (vitamin E supplement, niacin, vitamin B12 supplement, vitamin A acetate, thiamin mononitrate, pyridoxine hydrochloride, riboflavin, d-calcium pantothenate, vitamin D3 supplement, biotin, folic acid), L-carnitine, minerals (zinc methionine complex, zinc sulfate, iron proteinate, ferrous sulfate, copper proteinate, copper sulfate, manganese proteinate, sodium selenite, manganous oxide, calcium iodate, ethylenediamine dihydroiodide), tryptophan, mixed tocopherols, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Dry (3 kg & 11 kg)
ME: 3,339 kcal/kg as is;
3,630 kcal/kg dry weight
Approximate g/cup: 84
kcal/cup: 281

Percentage of Metabolizable Energy from:
Protein: 23.9%
Fat: 24.9%
Carbohydrates: 51.2%

PLANT-BASED™ (Dry)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	22.8	24.8	68.3
Fat	9.8	10.7	29.3
Crude Fibre	2.8	3.1	8.5
CHO-NFE#	48.8	53.1	146.2
Calcium	1.3	1.4	4.0
Phosphorus	1.1	1.2	3.3
Potassium	0.89	0.96	2.7
Sodium	0.32	0.35	1.0
Magnesium	0.21	0.22	0.62
Copper	21.7 mg/kg	23.6 mg/kg	6.5 mg
Taurine	0.15	0.17	463 mg
EPA/DHA*	0.14	0.15	0.41

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[20-21]
- Avoid free-feeding (unless there is a specific medical reason); it may promote obesity over time. [22]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

PLANT-BASED (Dry)
201 kcal/cup

MAINTENANCE		
Weight Class LB	Weight Class KG	Cups to Feed Per Day
5 - 10	2.3 - 4.5	2/3 - 1
10 - 20	4.5 - 9.1	1 - 1 3/4
20 - 30	9.1 - 13.6	1 3/4 - 2 1/2
30 - 40	13.6 - 18.2	2 1/2 - 3
40 - 50	18.2 - 22.7	3 - 3 2/3
50 - 60	22.7 - 27.3	3 2/3 - 4 1/4
60 - 70	27.3 - 31.8	4 1/4 - 4 2/3
70 - 80	31.8 - 36.4	4 2/3 - 5 1/4
80 - 90	36.4 - 40.9	5 1/4 - 5 2/3
90 - 100	40.9 - 45.5	5 2/3 - 6

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[23] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

SMALL TO MEDIUM BREED PUPPIES

GROWTH					
Weight Class		Cups to Feed Per Day			
LB	KG	Less Than 4 Months Old	4 - 6 Months Old	6 -10 Months Old	10 - 12 Months Old
1 - 5	0.5 - 2.3	1/2 - 1 2/4			
5 - 10	2.3 - 4.5	1 2/4 - 2 2/4	1 1/2 - 2 1/4	1 - 1 2/4	2/4 - 1 1/2
10 - 20	4.5 - 9.1	2 2/4 - 4 2/4	2 1/4 - 3 2/4	1 2/4 - 3	1 1/2 - 2 1/2
20 - 30	9.1 - 13.6		3 2/4 - 5 1/4	3 - 4	2 1/2 - 3 1/4
30 - 40	13.6 - 18.2			4 - 4 2/4	3 1/4 - 4
40 - 50	18.2 - 22.7				4 - 4 2/4

LARGE BREED PUPPIES

GROWTH						
Weight Class		Cups to Feed Per Day				
LB	KG	Less Than 4 Months Old	4 - 8 Months Old	9 - 12 Months Old	12 - 18 Months Old	18 - 24 Months Old
5 - 10	2.3 - 4.5	1 2/4 - 2 2/4				
10 - 20	4.5 - 9.1	2 2/4 - 4 2/4	2 1/4 - 3 2/4			
20 - 30	9.1 - 13.6	4 2/4 - 6 1/2	3 2/4 - 5 1/4	3 1/2 - 4 2/2		
30 - 40	13.6 - 18.2	6 1/2 - 8 1/4	5 1/4 - 6 1/2	4 2/2 - 5 2/4	4 - 4 2/4	
40 - 50	18.2 - 22.7	8 1/4 - 9 2/2	6 1/2 - 7 2/4	5 2/4 - 6 2/4	4 2/4 - 5 2/4	4 - 4 2/4
50 - 60	22.7 - 27.3	9 2/2 - 11 1/2	7 2/4 - 9	6 2/4 - 8	5 2/4 - 6 2/4	4 2/4 - 5 2/2
60 - 70	27.3 - 31.8		9 - 10	8 - 8 2/2	6 2/4 - 7 1/2	5 2/2 - 6 1/4
70 - 80	31.8 - 36.4		10 - 11	8 2/2 - 9 2/2	7 1/2 - 8 1/4	6 1/4 - 6 2/4
80 - 90	36.4 - 40.9			9 2/2 - 10 1/2	8 1/4 - 9	6 2/4 - 7 1/2
90 - 100	40.9 - 45.5			10 1/2 - 11 1/2	9 - 9 2/4	7 1/2 - 8

OMPATIBLE TREATS

yne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits are acceptable in a stable allergic or a non-allergic patient. Ensure it energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the iculated daily kcal requirement when determining the volume of diet to be fed.[24]

UTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

imal feeding tests using AAFCO procedures substantiate Plant-Based provides complete and balanced nutrition for aintenance of adult dogs.

e canine Plant-Based dry diet has been formulated to meet the Association of American Feed Control Officials (AAFCO) trient requirements for adult maintenance and growth, including growth of large-sized dogs (70lbs or more as an adult).

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne Clinical Consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41):361-379.
2. Lennox, CE, Overview of fatty acids in companion animal medicine. JAVMA, Vol 246, No 11, June 1, 2015. pp1198-1202.
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4. Sanderson SL. Taurine and Carnitine in Canine Cardiomyopathy. Vet Clin Small Anim 2006 (36): 1325-1434.
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12. Association of American Feed Control Officials (AAFCO) official publication 2019.
13. Villaverde C. Nutritional management of exocrine pancreatic diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell, 2012:221- 233.
14. Mansfield, C. Acute pancreatitis in dogs: Advances in understanding, diagnostics, and treatment. Top Companion Anim Med 2012; 27(3):123-32.
15. Watson P. Chronic pancreatitis in dogs. Top Companion Anim Med. 2012;27(3):133-139.
16. Center S. Nutritional support for dogs and cats with hepatobiliary disease. J Nutr. 1998;128 (12 Suppl):2733S-2746S.
17. Meyer HP et al. Hepatobiliary Disease. In Hand MS et al (eds.) Small Animal Clinical Nutrition (5th ed.) Topeka. KS. The Mark Morris Institute. 2008-2014. pp 1155-1192.
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19. Marks SL. Nutritional management of hepatobiliary diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:235-250.
20. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc 2010;46(4):285-96.
21. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
22. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on maintenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl) 2004;88(3-4):117-21.
23. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.
24. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.

PLANT-BASED™ (Chunky Stew)

Plant-Based™ canine chunky stew contains a limited number of plant-based ingredients making it appropriate for an elimination diet trial and maintenance option in dogs suspected to have allergic dermatologic or gastrointestinal disease.[1] Fava beans, chickpeas, potato, and quinoa provide unique, non-animal novel protein and carbohydrate sources. Algae provides a plant-based omega-3 source in order to order to manage the most sensitive allergy patients.[2] A blend of fibre sources and the addition of prebiotics helps to maintain gastrointestinal health.[3]

This diet is carefully formulated to provide recommended levels of all essential amino acids, including methionine and cystine. It is also supplemented with taurine and carnitine to support heart health.[4]

FEATURES:

- Unique plant-based protein sources
- No animal protein, animal fat, corn or wheat (potential allergen sources)[1,5-7]
- Unique plant-based omega-3 fatty acid source provides EPA/DHA[2]
- Coconut oil provides a source of medium-chain triglycerides (MCT)
- Moderate fat content
- Added prebiotics (fructooligosaccharides)[3]
- Blend of soluble and insoluble fibre to support the gastrointestinal microbiome[3]

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[1,2,5,7-11]
- Acute or chronic pancreatitis (patient-dependent)[12-15]

ALSO AVAILABLE:

Extruded Dry Kibble
Packaging: Stay-Fresh Bag

Protein-Aligned, Simple Ingredient Treats

PLANT-BASED™ (Chunky Stew)

INGREDIENTS (Chunky Stew):

Water, potato protein, sweet potato, dried chickpeas, fava bean protein, quinoa, potatoes, bell peppers, broccoli, black beans, potato starch, green beans, coconut oil, peas, dicalcium phosphate, pumpkin, millet, marine microalgae, natural flavoring, sunflower oil, salt, celery powder, l-threonine, fructooligosaccharide, flaxseed, calcium carbonate, vitamins (vitamin E supplement, thiamine mononitrate, vitamin B12 supplement, niacin supplement, L-ascorbyl-2-polyphosphate, folic acid, d-calcium pantothenate, vitamin A supplement, pyridoxine hydrochloride, biotin, riboflavin supplement, vitamin D3 supplement), l-tryptophan, minerals (zinc proteinate, ferrous sulfate, zinc sulfate, iron proteinate, copper proteinate, copper sulfate, manganese proteinate, manganese sulfate, sodium selenite, cobalt proteinate, calcium iodate, potassium iodide), DL-methionine, taurine, l-carnitine, choline chloride, l-arginine, mixed tocopherols, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/BOX:

Chunky Stew (TetraPak): 354 g
ME: 1,030 kcal/kg as is;
3,681 kcal/kg dry weight
kcal/box: 365

Percentage of Metabolizable Energy from:
Protein: 27.7%
Fat: 25.8%
Carbohydrates: 46.5%

PLANT-BASED™ (Chunky Stew)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	8.2	29.2	79.2
Fat	3.1	11.2	30.4
Crude Fibre	0.74	2.7	7.2
CHO-NFE#	13.7	48.8	132.7
Calcium	0.31	1.1	3.0
Phosphorus	0.31	1.1	3.0
Potassium	0.17	0.62	1.7
Sodium	0.16	0.57	1.5
Magnesium	0.04	0.14	0.38
Copper	5.3 mg/kg	19.1 mg/kg	5.2
Taurine	0.08	0.29	0.78
EPA/DHA*	0.13	0.47	1.3

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[17, 18]
- Avoid free-feeding (unless there is a specific medical reason); it may promote obesity over time. [19]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

PLANT-BASED (Chunky Stew)
368 kcal/254 g box

MAINTENANCE		
Weight Class LB	Weight Class KG	Boxes to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 3/4
10 - 20	4.5 - 9.1	3/4 - 1 1/2
20 - 30	9.1 - 13.6	1 1/2 - 2
30 - 40	13.6 - 18.2	2 - 2 1/2
40 - 50	18.2 - 22.7	2 1/2 - 2 3/4
50 - 60	22.7 - 27.3	2 3/4 - 3 1/4
60 - 70	27.3 - 31.8	3 1/4 - 3 3/2
70 - 80	31.8 - 36.4	3 3/2 - 4
80 - 90	36.4 - 40.9	4 - 4 1/2
90 - 100	40.9 - 45.5	4 1/2 - 4 3/2

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[20] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

)MPATIBLE TREATS

yne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits are acceptable in a stable allergic or a non-allergic patient. Ensure ıt energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the iculated daily kcal requirement when determining the volume of diet to be fed.[21]

JTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

e canine Plant-Based chunky stew has been formulated to meet the Association of American Feed Control Officials (AAFCO) trient requirements for adult maintenance.

ELP:

r veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, cess the veterinary login, or any other questions, please call or email for a consult. One of the Rayne Clinical Consult team embers will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

EFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE NEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

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Lennox, CE, Overview of fatty acids in companion animal medicine. JAVMA, Vol 246, No 11, June 1, 2015. pp1198-1202.

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Verlinden A, Hesta M, Millett S, et al. Food allergy in dogs and cats: a review. Crit Rev Food Sci 2006;46:259-73.

Marsella R, Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL, editors. Muller and Kirk's Small Animal Dermatology. 7th ed. St. Louis, MO: Elsevier, 2013:363-431.

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pdated 04/25/2023

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RABBIT-DIAG™ (Freeze-Dried)

Rabbit-DIAG™ freeze-dried diet contains a limited number of highly digestible ingredients for a diagnostic elimination diet trial in dogs or cats with suspected adverse reactions to food. Inclusion of one protein source and one carbohydrate source, with no other additions, results in a diet that is as close to home formulation as possible.[1,2]

This diet is not completely balanced and is inappropriate for long term feeding. It is intended for diagnostic purposes and should only be provided under the supervision of a veterinarian.

FEATURES:

- One animal protein source (rabbit)[1-4]
- One carbohydrate source (sweet potato)[1-4]
- No animal fat, corn, or wheat (potential allergen sources)[1,2,5]

THERAPEUTIC INDICATIONS:

- Elimination diet for the diagnosis of adverse reactions to food (dermatologic and gastrointestinal)[1-4]

ALSO AVAILABLE:

Pâté
Packaging: BPA-Free Can

Protein-Aligned, Simple Ingredient Treats

RABBIT-DIAG™ (Freeze-Dried)

INGREDIENTS (Freeze-Dried):

Rabbit, sweet potato flour, salt, mixed tocopherols, taurine, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Freeze-Dried (900g bag)
ME: 4,156 kcal/kg as is;
4,286 kcal/kg dry weight
kcal/cup: 192
Approximate g/cup: 46

Percentage of Metabolizable Energy from:
Protein: 27.6%
Fat: 49.1%
Carbohydrates: 23.3%

RABBIT-DIAG™ (Freeze-Dried)

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs and 50% between cats.[6, 7]
- The tables below can be used to estimate the amount to feed using the dog or cat's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- Avoid free feeding (unless there is a specifc medical reason); it may promote obesity over time especially in spayed or
- neutered dogs or cats.[8,9]
- This diet should be fed only for the length of the elimination diet trial.[1-3]
- Provide fresh water at all times.

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

FELINE FEEDING GUIDELINES

Rabbit-DIAG (Freeze-Dried) 192 kcal/cup, 46g/cup				
Weight Class LB	Weight Class KG	Cups/Day	g/Day	Cups of Water to Add*
3 - 5	1.4 - 2.3	1/2 - 3/4	25 - 37	1/8 - 1/4
5 - 7	2.3 - 3.2	3/4 - 1	37 - 48	1/4 - 1/2
7 - 10	3.2 - 4.5	1 - 1 1/2	48 - 63	1/2 - 1/2
10 - 15	4.5 - 6.8	1 1/2 - 1 3/4	63 - 85	1/2 - 2/3

CANINE FEEDING GUIDELINES

Rabbit-DIAG (Freeze-Dried) 192 kcal/cup, 46g/cup				
Weight Class LB	Weight Class KG	Cups/Day	g/Day	Cups of Water to Add*
5-10	2.3 - 4.5	1 - 1 1/2	44 - 73	1/4 - 1/2
10-20	4.5 – 9.1	1 1/2 - 2 2/3	73 - 123	1/2 - 1/2
20-30	9.1-13.6	2 2/3 - 3 2/3	123 - 167	1/2 - 3/4
30-40	13.6 - 18.2	3 2/3 - 4 1/2	167 - 207	3/4 - 1
40-50	18.2 - 22.7	4 1/2 - 5 1/3	207 - 245	1 - 1 1/4
50-60	22.7 – 27.3	5 1/3 - 6	245 - 281	1 1/4 - 1 1/3
60-70	27.3 - 31.8	6 - 6 3/4	281 - 316	1 1/3 - 1 1/2
70-80	31.8 - 36.4	6 3/4 - 7 1/2	316 - 349	1 1/2 - 1 2/3
80-90	36.4 - 40.9	7 1/2 - 8 1/4	349 - 381	1 2/3 - 1 3/4
90-100	40.9 – 45.5	8 1/4 - 9	381 - 412	1 3/4 - 2

* More or less water can be added depending on the individual dog or cat's preference. After water is added to the food, it should be consumed immediately.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[8] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Rabbit treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[8]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

This diet is not balanced and is not appropriate for long term feeding. It is for diagnostic purposes only and is intended for use only under the close supervision of a veterinarian. This diet is not appropriate for use in growing puppies or kittens.[7]

DIFFERENT SUGGESTED TRANSITION DIETS AFTER ELIMINATION TRIAL:

For patients who do well on Rabbit-DIAG™, a slow transition to Rabbit-MAINT™ (wet or dry) is advised. Ideally, an initial transition is made to either the wet diet or dry diet alone to assess patient tolerance and then, if successful, the other diet (ie. wet or dry) can be transitioned in.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41): 361-379.
2. Hensel, P. Nutrition and skin diseases in veterinary medicine. Clin Dermatol 2010;28 (6):686-693.
3. Verlinden A, Hesta M, Millet S, et al. Food allergy in dogs and cats: A review. Crit Rev Food Sci Nutr 2006;46:259-273.
4. Jackson HA. Diagnostic techniques in dermatology: the investigation and diagnosis of adverse food reactions in dogs and cats. Clin Tech Small An P 2001; 16(4):233-235.
5. Outerbridge C. Nutritional management of skin diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:157-174.
6. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010; 46(4):285-96.
7. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
8. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.
9. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on intenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl). 2004;88 (3-4):117-21.
10. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

DS112-0224
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RABBIT-DIAG™ (Pâté)

Rabbit-DIAG™ pâté diet contains a limited number of highly digestible ingredients for a diagnostic elimination diet trial in dogs or cats with suspected adverse reactions to food. Inclusion of one protein source and one carbohydrate source, with no other additions, results in a diet that is as close to home formulation as possible.[1-2]

This diet is not completely balanced and is inappropriate for long term feeding. It is intended for diagnostic purposes and should only be provided under the supervision of a veterinarian.

FEATURES:

- One animal protein source (rabbit)[1-4]
- One carbohydrate source (sweet potato)[1-4]
- No animal fat, corn, or wheat (potential allergen sources)[1,2,5]

THERAPEUTIC INDICATIONS:

- Elimination diet for the diagnosis of adverse reactions to food (dermatologic and gastrointestinal)[1-4]

ALSO AVAILABLE:

Freeze-Dried
Packaging: Stay-Fresh Bag

Protein-Aligned, Simple Ingredient Treats

RABBIT-DIAG™ (Pâté)

INGREDIENTS (Pâté):

Rabbit, water, potato starch, sunflower oil, dried celery, agar-agar, salt, taurine.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CAN:

Wet (Can): 369g
ME: 1,051 kcal/kg as is;
4,444 kcal/kg dry weight
kcal/can: 388

Percentage of Metabolizable Energy from:
Protein: 33.3%
Fat: 45.9%
Carbohydrates: 20.8%

RABBIT-DIAG™ (Pâté)

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs and 50% between cats.[6, 7]
- The tables below can be used to estimate the amount to feed using the dog or cat's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- Avoid free feeding (unless there is a specifc medical reason); it may promote obesity over time especially in spayed or
- neutered dogs or cats.[8,9]
- This diet should be fed only for the length of the elimination diet trial.[1-3]
- Provide fresh water at all times.

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

FELINE FEEDING GUIDELINES

Rabbit-DIAG (Pâté) 388 kcal/can		
Weight Class LB	Weight Class KG	Cans/Day
3 - 5	1.4 - 2.3	1/4 - 1/2
5 - 7	2.3 - 3.2	1/2 - 1/2
7 - 10	3.2 - 4.5	1/2 - 2/3
10 - 15	4.5 - 6.8	2/3 - 1

CANINE FEEDING GUIDELINES

Rabbit-DIAG (Pâté) 388 kcal/can		
Weight Class LB	Weight Class KG	Cans/Day
5-10	2.3 - 4.5	1/2 - 3/4
10-20	4.5 – 9.1	3/4 - 1 1/2
20-30	9.1-13.6	1 1/2 - 1 3/4
30-40	13.6 - 18.2	1 3/4 - 2 1/4
40-50	18.2 - 22.7	2 1/4 - 2 2/3
50-60	22.7 – 27.3	2 2/3 - 3
60-70	27.3 - 31.8	3 - 3 1/2
70-80	31.8 - 36.4	3 1/2 - 3 3/4
80-90	36.4 - 40.9	3 3/4 - 4
90-100	40.9 – 45.5	4 - 4 1/2

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[10] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog or cat's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Rabbit treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[8]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

This diet is not balanced and is not appropriate for long term feeding. It is for diagnostic purposes only and is intended for use only under the close supervision of a veterinarian. This diet is not appropriate for use in growing puppies or kittens.[7]

SUGGESTED TRANSITION DIETS AFTER ELIMINATION TRIAL:

For patients who do well on Rabbit-DIAG™, a slow transition to Rabbit-MAINT™ (wet or dry) is advised. Ideally, an initial transition is made to either the wet diet or dry diet alone to assess patient tolerance and then, if successful, the other diet (ie. wet or dry) can be transitioned in.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41): 361-379.
2. Hensel, P. Nutrition and skin diseases in veterinary medicine. Clin Dermatol 2010;28 (6):686-693.
3. Verlinden A, Hesta M, Millet S, et al. Food allergy in dogs and cats: A review. Crit Rev Food Sci Nutr 2006;46:259-273.
4. Jackson HA. Diagnostic techniques in dermatology: the investigation and diagnosis of adverse food reactions in dogs and cats. Clin Tech Small An P 2001; 16(4):233-235.
5. Outerbridge C. Nutritional management of skin diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:157-174.
6. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010; 46(4):285-96.
7. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
8. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.
9. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on intenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl). 2004;88 (3-4):117-21.
10. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

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RABBIT-MAINT™ (Dry)

Rabbit-MAINT™ canine dry diets contain a limited number of highly digestible ingredients, a nutrient profile that supports gastrointestinal health, and are appropriate for elimination diet trials with novel protein sources in dogs suspected to have allergic dermatologic or gastrointestinal disease.[1]

Rabbit is a novel protein that is naturally low in sodium and is an excellent source of niacin, vitamin B12, iron, phosphorus, and selenium. Chickpea or quinoa provide novel protein and carbohydrate sources. Algae provides a unique plant-based omega-3 source in order to manage the most sensitive allergy patients.[1] An optimal blend of fibre, with the addition of prebiotics to restore beneficial intestinal flora, helps to maintain gastrointestinal health.[2]

FEATURES:

- Single animal protein source (rabbit)[1,3]
- No animal fat, corn, or wheat (potential allergen sources)[1,4]
- High quality protein for lean body mass
- Added prebiotics (fructooligosaccharides)

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[2, 4-8]

ALSO AVAILABLE:

Chunky Stew
Packaging: Lightweight Carton

Pâté
Packaging: BPA-Free Can

Protein-Aligned, Simple Ingredient Treats Available

More details on the next page. >>

RABBIT-MAINT™ WITH CHICKPEA (Dry)

INGREDIENTS (DRY):

Rabbit, dried chickpeas, dried potatoes, potato protein, potato flour, natural flavor, coconut oil, canola oil (preserved with mixed tocopherols), dicalcium phosphate, calcium carbonate, marine microalgae, salt, fructooligosaccharides, choline chloride, vitamins (vitamin E supplement, vitamin B12 supplement, niacin, d-calcium pantothenate, vitamin A acetate, biotin, riboflavin, thiamine mononitrate, vitamin D3 supplement, pyridoxine hydrochloride, folic acid), minerals (ferrous sulfate, zinc oxide, manganous oxide, copper sulfate, iron amino acid chelate, zinc amino acid chelate, manganese amino acid chelate, copper amino acid chelate, sodium selenite, cobalt carbonate, ethylenediamine dihydriodine), taurine, mixed tocopherols, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Dry (3kg and 11kg)
ME: 3,574 kcal/kg as is;
3,884 kcal/kg dry weight
Approximate g/cup: 100
kcal/cup: 357

Percentage of Metabolizable Energy from:
Protein: 25.6%
Fat: 31.2%
Carbohydrates: 43.2%

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	26.2	28.4	73.2
Fat	13.1	14.3	36.7
Crude Fibre	1.6	1.7	4.4
CHO-NFE#	44.1	47.9	123.4
Calcium	1.2	1.3	3.4
Phosphorus	0.94	1.0	2.6
Potassium	1.1	1.2	3.1
Sodium	0.30	0.33	0.85
Magnesium	0.13	0.14	0.37
Copper	19.7 mg/kg	21.4 mg/kg	5.5 mg
Taurine	0.12	0.13	0.35
EPA/DHA*	0.28	0.30	0.56

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

RABBIT-MAINT WITH CHICKPEA (Dry)
357 kcal/cup

Weight Class LB	Weight Class KG	Cups to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 3/4
10 - 20	4.5 - 9.1	3/4 - 1 1/2
20 - 30	9.1 - 13.6	1 1/2 - 2
30 - 40	13.6 - 18.2	2 - 2 1/2
40 - 50	18.2 - 22.7	2 1/2 - 2 3/4
50 - 60	22.7 - 27.3	2 3/4 - 3 1/4
60 - 70	27.3 - 31.8	3 1/4 - 3 1/2
70 - 80	31.8 - 36.4	3 1/2 - 4
80 - 90	36.4 - 40.9	4 - 4 1/2
90 - 100	40.9 - 45.5	4 1/2 - 4 3/4

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[9, 10]
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[11]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[8] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

RABBIT-MAINT™ WITH CHICKPEA (Dry)

RABBIT-MAINT WITH CHICKPEA (Dry)
57 kcal/cup

GROWTH | SMALL TO MEDIUM BREED PUPPIES					
Weight Class		Cups/Day			
B	KG	Less Than 4 Months Old	4 - 6 Months Old	6 -10 Months Old	10 - 12 Months Old
- 5	0.5 - 2.3	1/2 - 1 1/2			
- 10	2.3 - 4.5	1 1/2 - 2 1/4	1 - 1 2/4	2/4 - 1 1/2	2/2 - 1 1/4
- 20	4.5 - 9.1	2 1/4 - 3 2/4	1 2/4 - 3	1 1/2 - 2 1/4	1 1/4 - 2
- 30	9.1 - 13.6		3 - 4 1/4	2 1/4 - 3	2 - 2 1/2
- 40	13.6 - 18.2			3 - 3 2/4	2 1/2 - 3 1/4
- 50	18.2 - 22.7				3 1/4 - 3 2/4

RABBIT-MAINT WITH CHICKPEA (Dry)
57 kcal/cup

GROWTH | LARGE BREED PUPPIES						
Weight Class		Cups/Day				
LB	KG	Less Than 4 Months Old	4 - 8 Months Old	9 - 12 Months Old	12 - 18 Months Old	18 - 24 Months Old
- 10	2.3 - 4.5	1 1/2 - 2 1/4				
- 20	4.5 - 9.1	2 1/4 - 3 2/4	1 2/4 - 3			
- 30	9.1 - 13.6	3 2/4 - 5 1/4	3 - 4 1/4	2 2/2 - 3 2/2		
- 40	13.6 - 18.2	5 1/4 - 6 1/2	4 1/4 - 5 1/4	3 2/2 - 4 1/2	3 - 3 2/4	
- 50	18.2 - 22.7	6 1/2 - 7 1/2	5 1/4 - 6	4 1/2 - 5 1/2	3 2/4 - 4 1/2	3 1/4 - 3 2/4
- 60	22.7 - 27.3	7 1/2 - 9	6 - 7 1/4	5 1/2 - 6 1/4	4 1/2 - 5 1/2	3 2/4 - 4 1/2
- 70	27.3 - 31.8		7 1/4 - 7 2/4	6 1/4 - 6 2/4	5 1/2 - 5 2/4	4 1/2 - 4 2/4
- 80	31.8 - 36.4		7 2/4 - 8 2/2	6 2/4 - 7 1/2	5 2/4 - 6 1/2	4 2/4 - 5 1/2
- 90	36.4 - 40.9			7 1/2 - 8 1/4	6 1/2 - 7	5 1/2 - 5 2/4
- 100	40.9 - 45.5			8 1/4 - 9	7 - 7 2/2	5 2/4 - 6 1/2

RABBIT-MAINT™ WITH QUINOA (Dry)

INGREDIENTS (DRY):

Rabbit, quinoa, millet, potato protein, dried sweet potatoes, coconut oil, natural flavoring, canola oil, dicalcium phosphate, calcium carbonate, marine microalgae, salt, fructooligosaccharides, choline chloride, vitamins (vitamin E supplement, vitamin B12 supplement, niacin, d-calcium pantothenate, vitamin A acetate, biotin, riboflavin, thiamin mononitrate, vitamin D3 supplement, pyridoxine hydrochloride, folic acid), taurine, minerals (zinc methionine complex, zinc sulfate, iron proteinate, ferrous sulfate, copper proteinate, copper sulfate, manganese proteinate, sodium selenite, manganous oxide, calcium iodate, ethylenediamine dihydroiodide), mixed tocopherols, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Dry (3kg and 11kg)
ME: 3,568 kcal/kg as is;
3,878 kcal/kg dry weight
Approximate g/cup: 103
kcal/cup: 367

Percentage of Metabolizable Energy from:
Protein: 25.3%
Fat: 31.2%
Carbohydrates: 43.5%

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	25.8	28.1	72.5
Fat	13.1	14.2	36.7
Crude Fibre	2.1	2.2	5.6
CHO-NFE#	44.3	48.2	124.3
Calcium	1.1	1.3	3.4
Phosphorus	0.93	1.0	2.6
Potassium	0.63	0.68	1.8
Sodium	0.25	0.27	0.70
Magnesium	0.17	0.18	0.50
Copper	20.0 mg/kg	21.8 mg/kg	5.6 mg
Taurine	0.13	0.14	0.37
EPA/DHA*	0.28	0.31	0.56

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

RABBIT-MAINT WITH QUINOA (Dry)
367 kcal/cup

Weight Class LB	Weight Class KG	Cups to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 3/4
10 - 20	4.5 - 9.1	3/4 - 1 1/2
20 - 30	9.1 - 13.6	1 1/2 - 1 3/4
30 - 40	13.6 - 18.2	1 3/4 - 2 1/2
40 - 50	18.2 - 22.7	2 1/2 - 2 3/4
50 - 60	22.7 - 27.3	2 3/4 - 3 1/4
60 - 70	27.3 - 31.8	3 1/4 - 3 1/2
70 - 80	31.8 - 36.4	3 1/2 - 4
80 - 90	36.4 - 40.9	4 - 4 1/2
90 - 100	40.9 - 45.5	4 1/2 - 4 3/2

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs. [9, 10]
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[11]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[12] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

RABBIT-MAINT™ WITH QUINOA (Dry)

RABBIT-MAINT WITH QUINOA (Dry)
367 kcal/cup

GROWTH | SMALL TO MEDIUM BREED PUPPIES					
Weight Class		Cups/Days			
LB	KG	Less Than 4 Months Old	4 - 6 Months Old	6 -10 Months Old	10 - 12 Months Old
1 - 5	0.5 - 2.3	1/2 - 1 1/2			
5 - 10	2.3 - 4.5	1 1/2 - 2 1/4	1 - 1 3/4	3/4 - 1 1/2	1/2 - 1
10 - 20	4.5 - 9.1	2 1/4 - 3 3/4	1 3/4 - 3	1 1/2 - 2 1/4	1 - 1 3/4
20 - 30	9.1 - 13.6		3 - 4	2 1/4 - 3	1 3/4 - 2 1/2
30 - 40	13.6 - 18.2			3 - 3 3/4	2 1/2 - 3
40 - 50	18.2 - 22.7				3 - 3 3/2

RABBIT-MAINT WITH QUINOA (Dry)
367 kcal/cup

GROWTH | LARGE BREED PUPPIES						
Weight Class		Cups/Day				
LB	KG	Less Than 4 Months Old	4 - 8 Months Old	9 - 12 Months Old	12 - 18 Months Old	18 - 24 Months Old
5 - 10	2.3 - 4.5	1 1/2 - 2 1/4				
10 - 20	4.5 - 9.1	2 1/4 - 3 3/4	1 3/4 - 3			
20 - 30	9.1 - 13.6	3 3/4 - 5	3 - 4	2 3/2 - 3 1/2		
30 - 40	13.6 - 18.2	5 - 6 1/4	4 - 5	3 1/2 - 4 1/2	3 - 3 3/4	
40 - 50	18.2 - 22.7	6 1/4 - 7 1/2	5 - 5 3/4	4 1/2 - 5 1/4	3 3/4 - 4 1/2	3 - 3 3/2
50 - 60	22.7 - 27.3	7 1/2 - 8 3/2	5 3/4 - 7	5 1/4 - 6	4 1/2 - 5 1/4	3 3/2 - 4 1/2
60 - 70	27.3 - 31.8		7 - 7 3/2	6 - 6 3/2	5 1/4 - 5 3/2	4 1/2 - 4 3/4
70 - 80	31.8 - 36.4		7 3/2 - 8 1/2	6 3/2 - 7 1/2	5 3/2 - 6 1/4	4 3/4 - 5 1/4
80 - 90	36.4 - 40.9			7 1/2 - 8	6 1/4 - 6 3/4	5 1/4 - 5 3/4
90 - 100	40.9 - 45.5			8 - 8 3/2	6 3/4 - 7 1/2	5 3/4 - 6 1/4

COMPATIBLE TREATS:

Rayne Rewards S.I.T. Rabbit treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits are also acceptable, vegetable-based treats for stable allergic or non-allergic patients. Ensure that energy intake from treats does not exceed 10% of daily kcal intake, and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[12]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

Animal feeding tests using AAFCO procedures substantiate Rabbit-MAINT (with Quinoa) provides complete and balanced nutrition for maintenance of adult dogs.

The canine Rabbit-MAINT (with Chickpea) and Rabbit-MAINT (with Quinoa) are formulated to meet the nutritional levels established by the Association of American Feed Control Officials (AAFCO) Dog Food Nutrient Profiles for adult maintenance and growth, including growth of large size dogs (>70lbs or more as an adult).

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41):361- 379.
2. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:175-219.
3. Wills J and Harvey R. Diagnosis and management of food allergy and intolerance in dogs and cats. Aust Vet J 1994;71(10): 322-326.
4. Verlinden A, Hesta M, Millett S, et al. Food allergy in dogs and cats: a review. Crit Rev Food Sci 2006;46:259-73.
5. Marsella R, Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL, editors. Muller and Kirk's Small Animal Dermatology. 7th ed. St. Louis, MO: Elsevier, 2013:363-431.
6. Simpson K and Jergens A. Pitfalls and progress in the diagnosis and management of canine inflammatory bowel disease. Vet Clin Small Anim 2011(41):381-398.
7. Kennis R. Food allergies: update of pathogenesis, diagnoses, and management. Vet Clin Small Anim 2006;36(1):175- 84.
8. Chandler M. Focus on nutrition: dietary management of gastrointestinal disease. Compend Contin Educ Vet. 2013;35(6): E1-E3.
9. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc 2010;46(4):285-96.
10. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
11. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on maintenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl) 2004;88(3-4):117-21.
12. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.
13. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94.

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DS042-0224
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RABBIT-MAINT™ (Chunky Stew)

Rabbit-MAINT™ canine chunky stew contains a limited number of highly digestible ingredients, a nutrient profile that supports gastrointestinal health, and is appropriate for elimination diet trials, with novel protein sources, in dogs suspected to have allergic dermatologic or gastrointestinal disease.[1]

Rabbit is a novel protein that is naturally low in sodium and is an excellent source of niacin, vitamin B12, iron, phosphorus, and selenium. Algae provides a unique plant-based omega-3 source in order to manage the most sensitive allergy patients.[2] An optimal blend of fibre, with the addition of prebiotics to restore beneficial intestinal flora, helps to maintain gastrointestinal health.[2]

FEATURES:

- Single animal protein source (rabbit)[1,4]
- No animal fat, corn, or wheat (potential allergen (sources)[1,5]
- High-quality protein for lean body mass
- Added prebiotics (fructooligosaccharides)

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[2,5-9]

ALSO AVAILABLE:

Extruded Dry Kibble
Packaging: Stay-Fresh Bag

Pâté
Packaging: BPA-Free Can

Protein-Aligned, Simple Ingredient Treats

RABBIT-MAINT™ (Chunky Stew)

INGREDIENTS (Chunky Stew):

Rabbit, water, sweet potatoes, red peppers, tapioca starch, celery powder, marine microalgae, monosodium phosphate, fructooligosaccharides, vitamins (vitamin E supplement, thiamine mononitrate, vitamin B12 supplement, niacin supplement, L-ascorbyl-2-polyphosphate, folic acid, d-calcium pantothenate, vitamin A supplement, pyridoxine hydrochloride, biotin, riboflavin supplement, vitamin D3 supplement), salt, minerals (zinc proteinate, ferrous sulfate, zinc sulfate, iron proteinate, copper proteinate, copper sulfate, manganese proteinate, manganese sulfate, sodium selenite, calcium iodate, potassium iodide) sunflower oil, choline chloride, taurine.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/BOX:

Chunky Stew (TetraPak): 354 g
ME: 1,040 kcal/kg as is;
4,259 kcal/kg dry weight
kcal/box: 368

Percentage of Metabolizable Energy from:
Protein: 23.6%
Fat: 44.7%
Carbohydrates: 31.7%

RABBIT-MAINT™ (Chunky Stew)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	7.0	28.7	67.3
Fat	5.4	22.4	52.6
Crude Fibre	0.44	1.8	4.2
CHO-NFE#	9.4	38.6	90.5
Calcium	0.34	1.2	2.8
Phosphorus	0.29	1.2	2.8
Potassium	0.24	0.97	2.3
Sodium	0.14	0.61	1.4
Magnesium	0.02	0.08	0.19
Copper	3.5 mg/kg	14.5 mg/kg	3.4 mg
Taurine	0.06	0.24	0.56
EPA/DHA*	0.09	0.36	0.85

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[10, 11]
- Avoid free-feeding (unless there is a specific medical reason); it may promote obesity over time, especially in spayed or neutered dogs.[12]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

RABBIT-MAINT (Chunky Stew)
268 kcal/354 g box

MAINTENANCE		
Weight Class LB	Weight Class KG	Boxes to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 3/4
10 - 20	4.5 - 9.1	3/4 - 1 1/2
20 - 30	9.1 - 13.6	1 1/2 - 1 3/4
30 - 40	13.6 - 18.2	1 3/4 - 2 1/2
40 - 50	18.2 - 22.7	2 1/2 - 2 3/4
50 - 60	22.7 - 27.3	2 3/4 - 3 1/4
60 - 70	27.3 - 31.8	3 1/4 - 3 1/2
70 - 80	31.8 - 36.4	3 1/2 - 4
80 - 90	36.4 - 40.9	4 - 4 1/4
90 - 100	40.9 - 45.5	4 1/4 - 4 3/2

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[13] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Rabbit treats are appropriate for otherwise healthy patients throughout a corresponding elimination diet trial and for stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits are also acceptable, plant-based treats for stable allergic or non-allergic patients. Ensure that energy intake from treats does not exceed 10% of daily kcal intake, and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[14]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The canine Rabbit-MAINT chunky stew has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult dogs.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41):361- 379.
2. Lennox, CE, Overview of fatty acids in companion animal medicine. JAVMA, Vol 246, No 11, June 1, 2015. pp1198-1202.
3. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:175-219.
4. Wills J and Harvey R. Diagnosis and management of food allergy and intolerance in dogs and cats. Aust Vet J 1994;71(10): 322-326.
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6. Marsella R, Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL, editors. Muller and Kirk's Small Animal Dermatology. 7th ed. St. Louis, MO: Elsevier, 2013:363-431.
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8. Kennis R. Food allergies: update of pathogenesis, diagnoses, and management. Vet Clin Small Anim 2006;36(1):175- 84.
9. Chandler M. Focus on nutrition: dietary management of gastrointestinal disease. Compend Contin Educ Vet. 2013;35(6): E1-E3.
10. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc 2010;46(4):285-96.
11. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
12. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on maintenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl) 2004;88(3-4):117-21.
13. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.
14. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94

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RABBIT-MAINT™ (Pâté)

Rabbit-MAINT™ canine paté contains a limited number of highly digestible ingredients, a nutrient profile that supports gastrointestinal health, and is appropriate for elimination diet trials, with novel protein sources, in dogs suspected to have allergic dermatologic or gastrointestinal disease.[1]

Rabbit is a novel protein that is naturally low in sodium and is an excellent source of niacin, vitamin B12, iron, phosphorus, and selenium. Algae provides a unique plant-based omega-3 source in order to manage the most sensitive allergy patients.[1] An optimal blend of fibre, with the addition of prebiotics to restore beneficial intestinal flora, helps to maintain gastrointestinal health.[2]

FEATURES:

- Single animal protein source (rabbit) [1,2]
- No animal fat, corn, or wheat (potential allergen (sources)[1-4]
- High quality protein for lean body mass
- Added prebiotics (fructooligosaccharides)

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[2, 4-8]

ALSO AVAILABLE:

Extruded Dry Kibble
Packaging: Stay-Fresh Bag

Chunky Stew
Packaging: Lightweight Carton

Protein-Aligned, Simple Ingredient Treats

RABBIT-MAINT™ (Pâté)

INGREDIENTS (Pâté):

Rabbit, water, potato starch, agar-agar, dicalcium phosphate, dried celery, marine microalgae oil, inulin, potassium chloride, tricalcium phosphate, sunflower oil, salt, choline chloride, taurine, minerals (zinc proteinate, iron proteinate, magnesium proteinate, copper proteinate, manganese proteinate, sodium selenite, ethylenediamine dihydroiodide), vitamins (vitamin E supplement, niacin supplement, thiamine mononitrate, d-calcium pantothenate, vitamin A supplement, riboflavin supplement, vitamin B12 supplement, pyridoxine hydrochloride, biotin, folic acid, vitamin D3 supplement).

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CAN:

Pâté (369g)
ME: 940 kcal/kg as is;
4,259 kcal/kg dry weight
kcal/can: 347

Percentage of Metabolizable Energy from:
Protein: 31.9%
Fat: 39.4%
Carbohydrates: 28.7%

RABBIT-MAINT™ (Pâté)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	9.3	38.7	91.2
Fat	4.7	19.7	46.3
Crude Fibre	0.01	0.04	0.10 g
CHO-NFE#	8.3	34.8	82.0
Calcium	0.30	1.2	2.9
Phosphorus	0.29	1.2	2.9
Potassium	0.29	1.2	2.9
Sodium	0.09	0.37	0.86
Magnesium	0.02	0.09	0.20
Copper	3.1 mg/kg	12.8 mg/kg	3.0 mg
Taurine	0.07	0.35	0.82
EPA/DHA*	0.21	0.88	2.1

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[9, 10]
- Avoid free-feeding (unless there is a specific medical reason); it may promote obesity over time, especially in spayed or neutered dogs. [11]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

RABBIT-MAINT (Pâté)
247 kcal/269 g can

MAINTENANCE		
Weight Class LB	Weight Class KG	Cans to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 3/4
10 - 20	4.5 - 9.1	3/4 - 1 1/2
20 - 30	9.1 - 13.6	1 1/2 - 2
30 - 40	13.6 - 18.2	2 - 2 1/2
40 - 50	18.2 - 22.7	2 1/2 - 3
50 - 60	22.7 - 27.3	3 - 3 1/3
60 - 70	27.3 - 31.8	3 1/3 - 3 3/4
70 - 80	31.8 - 36.4	3 3/4 - 4 1/4
80 - 90	36.4 - 40.9	4 1/4 - 4 1/2
90 - 100	40.9 - 45.5	4 1/2 - 5

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[12] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Rabbit treats are appropriate for otherwise healthy patients throughout a corresponding elimination diet trial and for stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits are also acceptable, vegetable-based treats for stable allergic or non-allergic patients. Ensure that energy intake from treats does not exceed 10% of daily kcal intake, and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[12]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The canine Rabbit-MAINT paté has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult dogs.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41):361- 379.
2. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:175-219.
3. Wills J and Harvey R. Diagnosis and management of food allergy and intolerance in dogs and cats. Aust Vet J 1994;71(10): 322-326.
4. Verlinden A, Hesta M, Millett S, et al. Food allergy in dogs and cats: a review. Crit Rev Food Sci 2006;46:259-73.
5. Marsella R, Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL, editors. Muller and Kirk's Small Animal Dermatology. 7th ed. St. Louis, MO: Elsevier, 2013:363-431.
6. Simpson K and Jergens A. Pitfalls and progress in the diagnosis and management of canine inflammatory bowel disease. Vet Clin Small Anim 2011(41):381-398.
7. Kennis R. Food allergies: update of pathogenesis, diagnoses, and management. Vet Clin Small Anim 2006;36(1):175- 84.
8. Chandler M. Focus on nutrition: dietary management of gastrointestinal disease. Compend Contin Educ Vet. 2013;35(6): E1-E3.
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10. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements of dogs and cats, 2006.
11. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on maintenance energy requirement and on blood metabolites. J Anim Physiol Anim Nutr (Berl) 2004;88(3-4):117-21.
12. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.
13. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester,UK: Wiley-Blackwell,2012:75-94

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RABBIT-MAINT™ (Dry)

Rabbit-MAINT™ feline dry diet contains a limited number of highly digestible ingredients, a nutrient profile that supports gastrointestinal health, and is appropriate for elimination diet trials, with novel protein sources, in cats suspected of having allergic dermatologic or gastrointestinal disease.[1]

Rabbit is a novel protein that is naturally low in sodium and is an excellent source of niacin, vitamin B12, iron, phosphorus, and selenium. Algae provides a unique, plant-based omega-3 source in order to manage the most sensitive allergy patients.[2] The addition of prebiotics, to restore beneficial intestinal flora, helps to maintain gastrointestinal health.[2]

FEATURES:

- Single animal protein source (rabbit)[4]
- No animal fat, corn, or wheat (potential allergen sources)
- High-quality protein for lean body mass
- Added prebiotics (fructooligosaccharides)
- Unique, plant-based omega-3 source (marine microalgae)

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[1, 5-8]
- Pancreatitis (patient-dependent)[9, 10]

ALSO AVAILABLE:

- Chunky Stew — *Packaging: Lightweight Carton*
- Pâté — *Packaging: BPA-Free Cans*
- Protein-Aligned, Simple Ingredient Treats

RABBIT-MAINT™ (Dry)

INGREDIENTS (Dry):

Rabbit, rabbit meal, dried sweet potatoes, potato protein, dried potatoes, coconut oil (preserved with mixed tocopherols), natural flavor, marine microalgae, calcium chloride, choline chloride, fructooligosaccahrides, calcium carbonate, vitamins, (vitamin E supplement, niacin, vitamin B12 supplement, vitamin A acetate, thiamin mononitrate, pyridoxine hydrochloride, riboflavin, d-calcium pantothenate, vitamin D3 supplement, biotin, folic acid), taurine, minerals (ferrous sulfate, zinc oxide, managanous oxide, copper sulfate, iron amino acid chelate, zinc amino acid chelate, manganese amino acid chelate, copper amino acid chelate, sodium selenite, cobalt carbonate, ethylenediamine dihydriodine), salt, mixed tocopherols, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Dry (3 kg)
ME: 3,530 kcal/kg as is;
3,837 kcal/kg dry weight
Approximate g/cup: 111
kcal/cup: 392

Percentage of Metabolizable Energy from:
Protein: 35.3%
Fat: 32.4%
Carbohydrates: 32.3%

RABBIT-MAINT™ (Dry)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	35.6	38.7	100.9
Fat	13.5	14.6	38.1
Crude Fibre	2.7	3.0	7.7
Total Dietary Fibre	8.3	9.0	23.5
CHO-NFE#	32.6	35.4	92.3
Calcium	1.0	1.1	2.8
Phosphorus	1.0	1.0	2.7
Potassium	1.1	1.2	3.1
Sodium	0.59	0.64	1.7
Magnesium	0.12	0.13	0.34
EPA/DHA*	0.29	0.31	0.82

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow you veterinarian's instructions, as feeding amounts can vary by as much as 50% between cats.[11, 12]
- The tables below can be used to estimate the amount to feed using the cat's optimum weight.
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[12]
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- It is ideal to feed cats multiple smaller meals per day and provide fresh water at all times.

MAINTENANCE		
Weight Class		Cups to Feed Per Day
LB	KG	
3 - 5	1.4 - 2.3	1/4 - 1/2
5 - 7	2.3 - 3.2	1/2 - 1/2
7 - 10	3.2 - 4.5	1/2 - 2/2
10 - 15	4.5 - 6.8	2/2 - 1

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[16] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each cat's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Rabbit treats are appropriate in otherwise healthy patients throughout an elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[12]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The feline Rabbit-MAINT dry diet has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for all life stages, including growth.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41): 361-379.
2. Lennox, CE, Overview of fatty acids in companion animal medicine. JAVMA, Vol 246, No 11, June 1, 2015. pp1198-1202.
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11. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010 Jul-Aug; 46(4): 283-296.
12. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements for dogs and cats, 2006.
13. Fascetti AJ, Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK: Wiley-Blackwell, 2012: 75-94.
14. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

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RABBIT-MAINT™ (Chunky Stew)

Rabbit-MAINT™ feline chunky stew contains a limited number of highly digestible ingredients, a nutrient profile that supports gastrointestinal health, and is appropriate for elimination diet trials, with novel protein sources, in cats suspected of having allergic dermatologic or gastrointestinal disease.[1]

Rabbit is a novel protein that is naturally low in sodium and is an excellent source of niacin, vitamin B12, iron, phosphorus, and selenium. Algae provides a unique, plant-based omega-3 source in order to manage the most sensitive allergy patients.[2] The addition of prebiotics, to restore beneficial intestinal flora, helps to maintain gastrointestinal health.[2]

FEATURES:

- Single animal protein source (rabbit)[4]
- No animal fat, corn, or wheat (potential allergen sources)
- High-quality protein for lean body mass
- Added prebiotics (fructooligosaccharides)
- Unique, plant-based omega-3 source (marine microalgae)

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[1, 5-8]
- Pancreatitis (patient-dependent)[9, 10]

ALSO AVAILABLE:

- Extruded Dry Kibble — *Packaging: Stay-Fresh Bag*
- Pâté — *Packaging: BPA-Free Cans*
- Protein-Aligned, Simple Ingredient Treats

RABBIT-MAINT™ (Chunky Stew)

INGREDIENTS (Chunky Stew):

Rabbit, water, potatoes, red pepper, tapioca starch, pea protein, carrots, celery powder, dextrose, marine microalgae, spinach, vitamins (vitamin E supplement, thiamine mononitrate, vitamin B12 supplement, niacin supplement, L–ascorbyl-2-polyphosphate, folic acid, d-calcium pantothenate, vitamin A supplement, pyridoxine hydrochloride, biotin, riboflavin supplement, vitamin D3 supplement), fructooligosaccharides, tricalcium phosphate, potassium chloride, magnesium proteinate, minerals (zinc proteinate, ferrous sulfate, zinc sulfate, iron proteinate, copper proteinate, copper sulfate, manganese proteinate, manganese sulfate, sodium selenite, calcium iodate, potassium iodide), salt, taurine, choline chloride.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/BOX:

Chunky Stew (TetraPak): 182 g
ME: 1,015 kcal/kg as is;
4,338 kcal/kg dry weight
kcal/box: 185

Percentage of Metabolizable Energy from:
Protein: 31.6%
Fat: 46.3%
Carbohydrates: 22.1%

RABBIT-MAINT™ (Chunky Stew)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	9.1	39.1	90.2
Fat	5.5	23.6	54.4
Crude Fibre	0.22	0.96	2.2
CHO-NFE#	6.4	27.4	63.2
Calcium	0.34	1.4	3.2
Phosphorus	0.26	1.1	2.6
Potassium	0.31	1.3	3.0
Sodium	0.09	0.38	0.89
Magnesium	0.03	0.13	0.30
EPA/DHA*	0.07	0.30	0.69

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow you veterinarian's instructions, as feeding amounts can vary by as much as 50% between cats.[11, 12]
- The tables below can be used to estimate the amount to feed using the cat's optimum weight.
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[12]
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- It is ideal to feed cats multiple smaller meals per day and provide fresh water at all times.

MAINTENANCE		
Weight Class LB	Weight Class KG	Boxes to Feed Per Day
3 - 5	1.4 - 2.3	$^2/_2$ - $^2/_4$
5 - 7	2.3 - 3.2	$^2/_4$ - 1
7 - 10	3.2 - 4.5	1 - 1 $^1/_2$
10 - 15	4.5 - 6.8	1 $^1/_2$ - 2

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[18] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each cat's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Rabbit treats are appropriate in otherwise healthy patients throughout an elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[12]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The feline Rabbit-MAINT chunky stew has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for all life stages, including growth.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41): 361-379.
2. Lennox, CE, Overview of fatty acids in companion animal medicine. JAVMA, Vol 246, No 11, June 1, 2015. pp1198-1202.
3. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK. Wiley-Blackwell, 2012: 175-219.
4. Wills J and Harvey R. Diagnosis and management of food allergy and intolerance in dogs and cants. Aust Vet J 1994;71(10):322-326.
5. Marsella R. Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL (eds). Muller and Kirk's Small Animal Dermatology. 7th ed. S. Louis, US: Elsevier; 2013: 363-431.
6. Guilford WG, Jones BR, Markwell PJ, et al. Food Sensitivity in cats with chronic idiopathic gastrointestinal problems. J Vet Intern Med 2001; 15: 7-13.
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8. Bryan J and Frank L. Food allergy in the cat: a diagnosis by elimination. J Feline Med Surg 2010; 12(11): 861-866.
9. Zoran D. Management of concurrent pancreatitis and inflammatory bowel disease. In: Little S (ed). The Cat – Clinical Medicine and Mangement. St. Louis MO: Elsevier Saunders, 2012: 1114-1116.
10. Davenport DJ, Remillard RL & Simpson KW. Acute and Chronic Pancreatitis. In: Hand MS, Thatcher CD, Remillard RL, Roudebush P, Novotny BJ (eds) Small Animal Clinical Nutrition, 5th Edition. Mark Morris Institute, Topeka Kansas 2010: 1143-1153.
11. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010 Jul-Aug; 46(4): 283-296.
12. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements for dogs and cats, 2006.
13. Fascetti AJ, Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK: Wiley-Blackwell, 2012: 75-94.
14. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

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RABBIT-MAINT™ (Pâté)

Rabbit-MAINT™ feline pâté contains a limited number of highly digestible ingredients, a nutrient profile that supports gastrointestinal health, and is appropriate for elimination diet trials, with novel protein sources, in cats suspected of having allergic dermatologic or gastrointestinal disease.[1]

Rabbit is a novel protein that is naturally low in sodium and is an excellent source of niacin, vitamin B12, iron, phosphorus, and selenium. The addition of prebiotics, to restore beneficial intestinal flora, helps to maintain gastrointestinal health.[1]

FEATURES:

- Single animal protein source (rabbit)[2,3]
- No animal fat, corn, or wheat (potential allergen sources)
- High quality protein for lean body mass
- Added prebiotics (fructooligosaccharides)

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[2-7]
- Pancreatitis (patient dependent)[8,9]
- Diabetes mellitus (or cats at risk) with concurrent gastrointestinal disease or pancreatitis[10-12]

ALSO AVAILABLE:

- Extruded Dry Kibble — *Packaging: Stay-Fresh Bag*
- Chunky Stew — *Packaging: Lightweight Carton*
- Pâté — *Packaging: BPA-Free Cans*
- Protein-Aligned, Simple Ingredient Treats

RABBIT-MAINT™ (Pâté)

INGREDIENTS (Pâté):

Rabbit, water, potato starch, potatoes, potato protein, glycine, dextrose, salmon oil (preserved with mixed tocopherols), agar-agar, potassium chloride, guar gum, minerals (iron amino acid chelate, zinc amino acid chelate, copper amino acid chelate, manganese amino acid chelate, sodium selenite, potassium iodide) vitamins (vitamin E supplement,thiamine mononitrate, niacin supplement, d-calcium pantothenate, pyridoxine hydrochloride, riboflavin supplement, vitamin A supplement, biotin, vitamin D3 supplement, vitamin B12 supplement, folic acid), choline chloride, magnesium sulfate, salt, fructooligosaccharides, taurine.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/BOWL:

Pâté: 100 g
ME: 1,012 kcal/kg as is;
4,410 kcal/kg dry weight
kcal/bowl: 101

Percentage of Metabolizable Energy from:
Protein: 44.0%
Fat: 49.0%
Carbohydrates: 7.0%

RABBIT-MAINT™ (Pâté)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	13.5	56.2	127.4
Fat	6.1	25.4	57.6
Crude Fibre	0.08	0.34	0.77
CHO-NFE#	2.12	8.84	20.1
Calcium	0.60	2.5	5.7
Phosphorus	0.40	1.7	3.8
Potassium	0.37	1.5	3.4
Sodium	0.10	0.42	1.0
Magnesium	0.04	0.16	0.36
EPA/DHA*	0.07	0.30	0.68

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow you veterinarian's instructions, as feeding amounts can vary by as much as 50% between cats.[12, 14]
- The tables below can be used to estimate the amount to feed using the cat's optimum weight.
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[15]
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- It is ideal to feed cats multiple smaller meals per day and provide fresh water at all times.

MAINTENANCE		
Weight Class LB	Weight Class KG	Bowls to Feed Per Day
3 - 5	1.4 - 2.3	1 - 1 1/2
5 - 7	2.3 - 3.2	1 1/2 - 2
7 - 10	3.2 - 4.5	2 - 2 2/2
10 - 15	4.5 - 6.8	2 2/2 - 3 1/2

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[15] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each cat's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Rabbit treats are appropriate in otherwise healthy patients throughout an elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[15]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The feline Rabbit-MAINT pâté has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for all life stages, including growth.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK. Wiley-Blackwell, 2012: 175-219.
2. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41): 361-379.
3. Wills J and Harvey R. Diagnosis and management of food allergy and intolerance in dogs and cats. Aust Vet J 1994;71(10):322-326.
4. Marsella R. Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL (eds). Muller and Kirk's Small Animal Dermatology. 7th ed. S. Louis, US: Elsevier; 2013: 363-431.
5. Guilford WG, Jones BR, Markwell PJ, et al. Food Sensitivity in cats with chronic idiopathic gastrointestinal problems. J Vet Intern Med 2001; 15: 7-13.
6. Verlinden A, Hesta M, Millett S, et al. Food allergy in dogs and cats: a review. Crit Rev Food Sci 2006;46:259-273.
7. Bryan J and Frank L. Food allergy in the cat: a diagnosis by elimination. J Feline Med Surg 2010; 12(11): 861-866.
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14. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements for dogs and cats, 2006.
15. Fascetti AJ, Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK: Wiley-Blackwell, 2012: 75-94.
16. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

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RABBIT-MAINT™ (Pâté)

Rabbit-MAINT™ feline pâté diet contains a limited number of highly digestible ingredients, a nutrient profile that supports gastrointestinal health, and is appropriate for elimination diet trials, with novel protein sources, in cats suspected of having allergic dermatologic or gastrointestinal disease.[1]

Rabbit is a novel protein that is naturally low in sodium and is an excellent source of niacin, vitamin B12, iron, phosphorus, and selenium. The addition of prebiotics, to restore beneficial intestinal flora, helps to maintain gastrointestinal health.[1]

FEATURES:

- Single animal protein source (rabbit)[2,3]
- No animal fat, corn, or wheat (potential allergen sources)
- High quality protein for lean body mass
- Added prebiotics (fructooligosaccharides)

THERAPEUTIC INDICATIONS:

- Adverse reactions to food (dermatologic and gastrointestinal)[2-7]
- Pancreatitis (patient dependent)[8,9]

ALSO AVAILABLE:

- Extruded Dry Kibble — *Packaging: Stay-Fresh Bag*
- Chunky Stew — *Packaging: Lightweight Carton*
- Pâté — *Packaging: Single-Serve Cups*
- Protein-Aligned, Simple Ingredient Treats

RABBIT-MAINT™ (Pâté)

INGREDIENTS (Pâté):

Rabbit, water, potato protein, potato starch, sunflower oil, agar-agar, natural flavor, dried celery, tricalcium phosphate, dextrose, inulin, marine microalgae oil, potassium chloride, salt, choline chloride, taurine, minerals (zinc proteinate, iron proteinate, copper proteinate, magnesium proteinate, manganese proteinate, sodium selenite, ethylenediamine dihydroiodide), vitamins (vitamin E supplement, niacin supplement, thiamine mononitrate, d-calcium pantothenate, vitamin A supplement, riboflavin supplement, vitamin B12 supplement, pyridoxine hydrochloride, biotin, folic acid, vitamin D3 supplement).

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CAN:

Canned Pâté: 156 g
ME: 1,054 kcal/kg as is;
4,412 kcal/kg dry weight
kcal/can: 165

Percentage of Metabolizable Energy from:
Protein: 38.6%
Fat: 43.4%
Carbohydrates: 18.0%

RABBIT-MAINT™ (Pâté)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	12.6	48.7	110.4
Fat	5.8	22.5	51.1
Crude Fibre	0.06	0.22	0.51
CHO-NFE#	5.9	22.6	51.3
Calcium	0.29	1.1	2.5
Phosphorus	0.23	0.88	2.0
Potassium	0.23	1.3	2.9
Sodium	0.11	0.42	1.0
Magnesium	0.02	0.09	0.20
EPA/DHA*	0.13	0.49	1.1

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow you veterinarian's instructions, as feeding amounts can vary by as much as 50% between cats.[10, 11]
- The tables below can be used to estimate the amount to feed using the cat's optimum weight.
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.[12]
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.
- It is ideal to feed cats multiple smaller meals per day and provide fresh water at all times.

MAINTENANCE		
Weight Class LB	Weight Class KG	Cans to Feed Per Day
3 - 5	1.4 - 2.3	$^{2}/_{3}$ - 1
5 - 7	2.3 - 3.2	1 - 1 $^{1}/_{4}$
7 - 10	3.2 - 4.5	1 $^{1}/_{4}$ - 1 $^{2}/_{3}$
10 - 15	4.5 - 6.8	1 $^{2}/_{3}$ - 2 $^{1}/_{4}$

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[8] The tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each cat's individual energy requirement.

Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Rabbit treats are appropriate in otherwise healthy patients throughout an elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Ensure that energy intake from treats does not exceed 10% of daily kcal intake and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[12]

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

The feline Rabbit-MAINT pâté diet has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for adult maintenance.

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

1. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK. Wiley-Blackwell, 2012: 175-219.
2. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. Vet Clin Small Anim 2011(41): 361-379.
3. Wills J and Harvey R. Diagnosis and management of food allergy and intolerance in dogs and cats. Aust Vet J 1994;71(10):322-326.
4. Marsella R. Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL (eds). Muller and Kirk's Small Animal Dermatology. 7th ed. S. Louis, US: Elsevier, 2013: 363-431.
5. Guilford WG, Jones BR, Markwell PJ, et al. Food Sensitivity in cats with chronic idiopathic gastrointestinal problems. J Vet Intern Med 2001; 15: 7-13.
6. Verlinden A, Hesta M, Millett S, et al. Food allergy in dogs and cats: a review. Crit Rev Food Sci 2006;46:259-273.
7. Bryan J and Frank L. Food allergy in the cat: a diagnosis by elimination. J Feline Med Surg 2010; 12(11): 861-866.
8. Zoran D. Management of concurrent pancreatitis and inflammatory bowel disease. In: Little S (ed). The Cat – Clinical Medicine and Mangement. St. Louis MO: Elsevier Saunders, 2012: 1114-1116.
9. Davenport DJ, Remillard RL & Simpson KW. Acute and Chronic Pancreatitis. In: Hand MS, Thatcher CD, Remillard RL, Roudebush P, Novotny BJ (eds) Small Animal Clinical Nutrition, 5th Edition. Mark Morris Institute, Topeka Kansas 2010: 1143-1153.
10. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010 Jul-Aug; 46(4): 283-296.
11. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. Nutrient requirements for dogs and cats, 2006.
12. Fascetti AJ, Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). Applied Veterinary Clinical Nutrition. Chichester, UK: Wiley-Blackwell, 2012: 75-94.
13. Cline MG, Burns KM, Coe JB, Downing R, Durzi T, Murphy M, Parker V. 2021 AAHA nutrition and weight management guidelines for dogs and cats. JAAHA 2021; 57 (4): 153-178.

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SKIN RELIEF™ (Dry)

Skin Relief canine dry diet provides a rich source of omega-3 fatty acids (EPA/DHA) to reduce inflammation and relieve clinical signs in dogs with atopic dermatitis and/or osteoarthritis.[1-9] High levels of protein promote the development of healthy skin and coat and maintain lean body mass. Appropriate amounts of essential fatty acids, vitamin A, zinc and biotin support skin barrier function.[5, 10, 11] Inclusion of prebiotics and the addition of miscanthus grass helps to maintain gastrointestinal health and support a healthy gastrointestinal microbiome.[12, 13]

Higher protein and micronutrient levels relative to energy ensures adequate nutrient delivery during calorie restriction for obesity management or for dogs that require reduced caloric intake to maintain ideal body weight.

Supplementation with taurine and carnitine supports heart health.[14]

FEATURES:

- High levels of omega-3 fatty acids (EPA/DHA)
- Higher protein and micronutrient levels
- Low fat and reduced caloric density
- Low sodium content
- A blend of fiber sources, including miscanthus grass and prebiotics

THERAPEUTIC INDICATIONS:

- Atopic dermatitis[1-5, 10, 11]
- Osteoarthritis[6-9]
- Obesity management and weight loss [15-17]
- Acute and chronic pancreatitis (patient dependent)[18-21]
- Early stage congestive heart failure[22, 23]

AVAILABLE: Extruded Dry Kibble
Packaging: Stay-Fresh Bag

SKIN RELIEF™ (Dry)

INGREDIENTS (Dry):

White fish, oat groats, millet, potato protein, white fish meal, quinoa, tapioca starch, natural flavors, blueberry fiber, pumpkin, flaxseed, brewer's dried yeast, miscanthus grass, sunflower oil, dicalcium phosphate, coconut oil, potassium chloride, marine microalgae oil, calcium carbonate, Dl-methionine, choline chloride, minerals (zinc proteinate, iron sulfate, zinc sulfate, iron proteinate, copper proteinate, copper sulfate, manganese proteinate, manganese sulfate, sodium selenite, cobalt proteinate, calcium iodate, potassium iodide), fructooligosaccharide, salt, vitamins (vitamin E supplement, niacin, vitamin B12 supplement, vitamin A acetate, thiamin mononitrate, pyridoxine hydrochloride, riboflavin, d-calcium pantothenate, vitamin D3 supplement, biotin, folic acid), L-carnitine, taurine, mixed tocopherols, rosemary extract.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CUP:

Dry (1.6 kg)
ME: 3,271 kcal/kg as is;
3,556 kcal/kg dry weight
Approximate g/cup: 94
kcal/cup: 308

Percentage of Metabolizable Energy from:
Protein: 33.1%
Fat: 20.9%
Carbohydrates: 46.0%

SKIN RELIEF™ (Dry)

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	31.0	33.7	94.7
Fat	8.0	8.7	24.6
Crude Fibre	3.6	3.9	11.1
CHO-NFE#	43.0	46.7	131.4
Calcium	1.3	1.4	3.8
Phosphorus	1.0	1.1	3.0
Potassium	1.0	1.1	3.0
Sodium	0.18	0.19	0.54
Magnesium	0.15	0.16	0.45
Copper	23.1 mg/kg	25.1 mg/kg	7.1 mg
Taurine	0.14	0.16	0.45
EPA/DHA*	0.72	0.79	2.2

Carbohydrate Nitrogen-Free Extract
* Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.[24,25]
- Avoid free-feeding (unless there is a specific medical reason); it may promote obesity over time, especially in spayed or neutered dogs. [26]
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 10 days by substituting larger amounts of the new food in place of the old diet.

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

SKIN RELIEF™ (Dry)

MAINTENANCE			
Weight Class LB	KG	Cups to Feed Per Day	Grams to Feed Per Day
5 - 10	2.3 - 4.5	2/2 - 1	55 - 93
10 - 20	4.5 - 9.1	1 - 1 2/2	93 - 157
20 - 30	9.1 - 13.6	1 2/2 - 2 1/4	157 - 213
30 - 40	13.6 - 18.2	2 1/4 - 2 2/4	213 - 264
40 - 50	18.2 - 22.7	2 2/4 - 3 1/2	264 - 312
50 - 60	22.7 - 27.3	3 1/2 - 3 3/4	312 - 357
60 - 70	27.3 - 31.8	3 3/4 - 4 1/4	357 - 402
70 - 80	31.8 - 36.4	4 1/4 - 4 3/4	402 - 443
80 - 90	36.4 - 40.9	4 3/4 - 5 1/4	443 - 485
90 - 100	40.9 - 45.5	5 1/4 - 5 1/2	485 - 524

WEIGHT LOSS			
Target Ideal Body Weight LB	KG	Cups to Feed Per Day	Grams to Feed Per Day
5 - 10	2.3 - 4.5	1/2 - 2/4	40 - 67
10 - 20	4.5 - 9.1	2/4 - 1 1/4	67 - 112
20 - 30	9.1 - 13.6	1 1/4 - 1 2/3	112 - 152
30 - 40	13.6 - 18.2	1 2/3 - 2	152 - 189
40 - 50	18.2 - 22.7	2 - 2 1/2	189 - 223
50 - 60	22.7 - 27.3	2 1/2 - 2 2/4	223 - 256
60 - 70	27.3 - 31.8	2 2/4 - 3	256 - 287
70 - 80	31.8 - 36.4	3 - 3 1/3	287 - 317
80 - 90	36.4 - 40.9	3 1/3 - 3 2/2	317 - 346
90 - 100	40.9 - 45.5	3 2/2 - 4	346 - 375

ing guidelines are from the AAHA 2021 Nutrition and Weight Management Guidelines for Dogs and Cats.[19] The tables should be used as a starting guideline and the actual amounts ay need to be increased or decreased based on each dog's individual energy requirement. Energy requirements will vary depending upon such factors as age, breed, er and neuter status, activity level, and underlying disease state.

ctual amounts needed to safely lose weight may need to be increased or decreased based on each dog's individual energy requirements. Some nts may require as much as 20% less calories than what is listed in the above table to successfully lose weight.[1] After completion of a weight loss program, dogs have a lower energy rement and an individual pet may only require 10% more calories than needed to lose weight to maintain ideal body weight.[27,28]

IGHT LOSS:

The target rate for safe weight loss in dogs is 1-2% bodyweight loss/week.[15,29]

Body condition score, muscle condition score, and weight should be evaluated every 2-4 weeks during a weight-loss program and feeding amounts adjusted to achieve an ideal rate of weight loss.

An individualized weight-loss program for each patient is necessary for successful weight loss and owner compliance.

Using a gram scale to measure the amount of dry food to be fed is recommended, as it is more accurate than the use of a measuring cup. The use of a measuring cup can lead to overfeeding, especially when small volumes of food are required.[30]

MPATIBLE TREATS

ne Rewards S.I.T. Every Dog Apple and Pumpkin biscuits are acceptable plant-based, low calorie treats for dogs during a ght loss program. Ensure that energy intake from treats does not exceed 10% of daily kcal intake, and that the total kcal from ts is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.[31]

TRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

canine Skin Relief diet has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient uirements for adult maintenance.

LP:

veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, ess the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team nbers will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

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RAYNE REWARDS

Rayne Rewards jerky, biscuits, freeze-dried, and training treats are carefully formulated with whole food ingredients for pets who need and pet owners who want simple, pure treats. These highly palatable snacks can be used as part of a pet's regular diet, as a training tool, or simply to bond. No matter what, Rayne Rewards are unique, effective, and fun.

Treats should always be fed at less than 10% of the daily caloric intake.

"EVERY DOG" Collection

APPLE & PUMPKIN BISCUITS

Apple & Pumpkin Biscuits were designed by veterinarians so that almost every dog, across a broad range of medical conditions, can still have treats. This healthy, highly palatable, plant-based treat can be used for training, or just for fun.

Compatible with Rayne wet or dry diets.

TREAT FEATURES:

- Plant-based composition
- Low in nutrients of concern: sodium, phosphorus, calcium, copper, and fat
- Easy to break into pieces
- Highly palatable and easily digested

THERAPEUTIC INDICATIONS:

- Acceptable treats in a broad range of medical conditions and for patients with most concurrent medical conditions [1,2]
- Safe and effective compliance aid for stable food allergic or non-allergic patients

INGREDIENTS:

Chickpea, yellow pea, molasses, pumpkin, apple, canola oil, pumpkin seeds, sea salt, tocopherols, and rosemary extract.

Size (bag): 300g
g/treat: 6
kcal/treat: 20

Nutrient	g/1,000 kcal
Protein	65.5
Fat	20.1
Crude Fibre	12.3
Calcium	0.58
Phosphorus	1.3
Potassium	3.6
Sodium	0.52
Copper (mg)	2.6 mg

SWEET POTATO CRUNCH

Sweet Potato Crunch is a crunchy, healthy treat for dogs, especially dogs with food allergies.

Compatible with Rayne wet or dry diets.

TREAT FEATURES:

- Two ingredients
- Great palatability and unique crunchy texture
- Low in nutrients of concern: protein, fat, sodium, phosphorus, calcium, and copper
- Sweet potatoes are naturally high in potassium and oxalates**

THERAPEUTIC INDICATIONS:

- Acceptable treats in a broad range of medical conditions and for patients with most concurrent medical conditions[1-12]
- Safe and effective compliance aid for stable food allergic or non-allergic patients

INGREDIENTS:

Sweet potato and citrus fibre.

Size (bag): 200g
g/treat: 19
kcal/treat: 54

Nutrient	g/1,000 kcal
Protein	23.6
Fat	2.4
Crude Fibre	24.7
Calcium	0.95
Phosphorus	0.42
Potassium	5.3
Sodium	0.04
Copper (mg)	1.8 mg

SWEET POTATO

Sweet Potato is a chewy, healthy treat for dogs, especially dogs with food allergies. Just one ingredient.

Compatible with Rayne wet or dry diets.

TREAT FEATURES:

- Single ingredient
- Low in nutrients of concern: protein, fat, sodium, phosphorus, and calcium
- Sweet potatoes are naturally high in potassium and oxalates**

THERAPEUTIC INDICATIONS:

- Acceptable treats in a broad range of medical conditions and for patients with most concurrent medical conditions[1-12]
- Safe and effective compliance aid for stable food allergic or non-allergic patients

INGREDIENTS:

100% sweet potato.

Size (bag): 200g
g/treat: 19
kcal/treat: 53

Nutrient	g/1,000 kcal
Protein	23.6
Fat	2.4
Crude Fibre	24.7
Calcium	0.95
Phosphorus	0.42
Potassium	5.3
Sodium	0.04
Copper (mg)	1.8 mg

* The values listed represent expected numbers and are based on thorough analysis of treat ingredients; some lot-to-lot vairation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.
** Due to higher oxalic acid content, sweet potato treats are not recommended for patients with calcium oxalate urolithiasis.

JERKY & FREEZE-DRIED Simple Ingredient Treats (S.I.T.)

TREAT FEATURES:

- Great for dogs and cats
- Exceptional palatability
- Limited ingredients
- Jerky treats are easy to tear into smaller pieces
- Protein-aligned with Rayne wet or dry diets

KEY INDICATIONS:

- Suitable for otherwise healthy patients throughout an elimination diet trial and for stable food allergic or non-allergic patients
- When choosing S.I.T. treats for non-allergic, healthy pet maintenance, pork and/or turkey is preferred.

KANGAROO#

Type: Jerky
Size (bag): 200g
Average 8-14 g/treat
Average 31 kcal/10g treat*
Ingredients: Kangaroo, cane molasses, sea salt, citric acid (preservative), dried citrus pulp, mixed tocopherols (preservative).

ALLIGATOR%

Type: Jerky
Size (bag): 200g
Average 8-14 g/treat
Average 44 kcal/10g treat*
Ingredients: Alligator, cane molasses, sea salt, citric acid (preservative), dried citrus pulp, mixed tocopherols (preservative).

KANGAROO#%

Type: Freeze-Dried
Size (bag): 142g
Average .3 g/treat
Average 1.1 kcal/treat
Ingredients: Kangaroo liver.

TURKEY

Type: Jerky
Size (bag): 200g
Average 8-14 g/treat
Average 40 kcal/10g treat*
Ingredients: Turkey, cane molasses, sea salt, citric acid (preservative), mixed tocopherols (preservative).

RABBIT

Type: Jerky
Size (bag): 200g
Average 8-14 g/treat
Average 39 kcal/10g treat*
Ingredients: Rabbit, cane molasses, sea salt, citric acid (preservative), dried citrus pulp, mixed tocopherols (preservative).

PORK

Type: Jerky
Size (bag): 200g
Average 8-14 g/treat
Average 40 kcal/10g treat*
Ingredients: Pork, cane molasses, sea salt, citric acid (preservative), mixed tocopherols (preservative).

RABBIT

Type: Freeze-Dried
Size (bag): 142g
Average 0.3 g/treat
Average 1.4 kcal/treat
Ingredients: Rabbit, mixed tocopherols.

NUTRITIONAL INFORMATION:

The Rayne Rewards S.I.T. jerky and freeze-dried treats are manufactured with limited ingredients in a unique way. Some lot-to-lot variation due to whole food ingredient factors may occur. Please contact us for nutritional information at info@raynenutrition.com.

These treats are suitable for otherwise healthy food-allergic patients. For pets with concurrent medical concerns, the Rayne Rewards S.I.T. Every Dog Apple & Pumpkin Biscuits can be recommended.

Not available in California. % Not available in Canada.

SOFT & CHEWY Training Treats

Training Treats are single-protein, low-calorie treats that are perfect for training or for fun.

Protein-aligned with Rayne wet or dry diets.

KANGAROO# - Ingredients:

Kangaroo, peas, barley flour, coconut glycerin, flaxseed, white rice, oat flour, dried banana, pea fiber, green lipped mussel, barley, coconut oil, phosphoric acid, dried Brewers yeast, salt, natural smoke flavor, zinc propionate, calcium propionate, palm oil, zinc proteinate, vitamin E supplement, dried blueberries, pomegranate extract, L-ascorbyl-2-poly-phosphate, preserved with tocopherols, citric acid, natural flavor, rosemary, l-carnitine.

TREAT FEATURES:

- Single, novel protein source (kangaroo)
- Unique soft and chewy texture
- Low in calories
- Great palatability

Size (bag): 200g
g/treat: 3
kcal/treat: 7

THERAPEUTIC INDICATIONS:

- Safe and effective compliance aid for otherwise healthy, stable food allergic patients

Nutrient	g/1,000 kcal
Protein	43.4
Fat	21.6
Crude Fibre	20.3
Calcium	1.2
Phosphorus	2.7
Potassium	0.92
Sodium	2.0
Copper (mg)	0.59

Not available in California.

RABBIT - Ingredients:

Rabbit, peas, barley flour, coconut glycerin, flaxseed, white rice, oat flour, dried banana, pea fiber, algal oil, phosphoric acid, dried brewers yeast, salt, natural smoke flavor, zinc propionate, calcium propionate, palm oil, zinc proteinate, vitamin E supplement, dried blueberries, L-ascorbyl-2-poly-phosphate, pomegranate extract, preserved with tocopherols, citric acid, natural flavor, rosemary, l-carnitine

TREAT FEATURES:

- Single, novel protein source (rabbit)
- Unique soft and chewy texture
- Low in calories
- Great palatability

Size (bag): 200g
g/treat: 3
kcal/treat: 7

THERAPEUTIC INDICATIONS:

- Safe and effective compliance aid for otherwise healthy, stable food allergic patients

Nutrient	g/1,000 kcal
Protein	42.6
Fat	27.0
Crude Fibre	19.9
Calcium	1.9
Phosphorus	3.0
Potassium	1.0
Sodium	1.9
Copper (mg)	0.62

MEATBALLS

Meatballs are single-protein treats that can be used to assist with administration of medications or as a tasty treat.

KANGAROO#% - Ingredients:

Kangaroo, pinto bean flour, pea flour, pea protein, salt, honey, L-ascorbyl-2-polyphosphate (source of vitamin C).

TREAT FEATURES:

- Single, novel protein source (kangaroo)
- Unique texture provides an easy way for medications to be coated and consumed.
- Great palatability

THERAPEUTIC INDICATIONS:

- Safe and effective compliance aid for otherwise healthy, stable food allergic patients

Size (pouch): 5oz
g/treat: 12.5
kcal/treat: 22

Nutrient	g/1,000 kcal
Protein	124.5
Fat	13.7
Crude Fibre	8.5
Calcium	1.5
Phosphorus	2.4
Potassium	4.4
Sodium	2.3
Copper (mg)	3.7

Not available in California.

RABBIT% - Ingredients:

Rabbit, pea flour, pinto bean flour, pea protein, salt, honey.

TREAT FEATURES:

- Single, novel protein source (rabbit)
- Unique texture provides an easy way for medications to be coated and consumed.
- Great palatability

THERAPEUTIC INDICATIONS:

- Safe and effective compliance aid for otherwise healthy, stable food allergic patients

Size (pouch): 5oz
g/treat: 12.5
kcal/treat: 25

Nutrient	g/1,000 kcal
Protein	91.3
Fat	29.2
Crude Fibre	8.4
Calcium	1.5
Phosphorus	2.1
Potassium	3.8
Sodium	1.9
Copper (mg)	2.3

Not available in California. % Not available in Canada.

ROLLS

Rolls contain a single protein source, aligned with Rayne novel protein diets and can be used to assist with administration of medications or as a tasty treat or topper. Although the rolls are complete and balanced for adult maintenance in dogs, they are intended for intermittent or supplemental feeding.

The roll should be cut into $^1/_8$ - $^1/_4$ inch pieces prior to consuming.

RABBIT - Ingredients:

Rabbit, sweet potatoes, garbanzo beans, dried miscanthus grass, water, salt, fava bean protein, brown rice, calcium carbonate, canola oil, vegetable glycerin, sunflower lecithin, dicalcium phosphate, taurine, minerals/vitamins: (zinc proteinate, vitamin E supplement, iron proteinate, ferrous sulfate, biotin, copper proteinate, sodium selenite, niacin, D-calcium pantothenate, manganous oxide, riboflavin, vitamin A acetate, thiamine mononitrate, vitamin B12 supplement, pyridoxine hydrochlordie, calcium iodate, vitamin D3 supplement, folic acid), hickory flavor, natural flavor, celery seed powder, fructoolligosaccharide, brewers yeast, EDTA, potassium sorbate, sodium benzoate, seasoning, sodium erythrobate.

FEATURES:

- Single, novel protein source (Rabbit)
- Unique texture provides an easy way for medications to be coated and consumed.
- Can be used as a flavorful topper to enhance the palatability and enjoyment of the regular diet.
- Complete and balanced – please see feeding guidelines (below) if feeding exclusively for adult maintenance

THERAPEUTIC INDICATIONS:

- Safe and effective compliance aid for otherwise healthy, stable food allergic patients

Size (roll): 1 lb
kcal/g as fed: 2.2
kcal/oz: 63

Nutrient	g/1,000 kcal
Protein	63.2
Fat	44.1
Crude Fibre	18.5
Calcium	3.4
Phosphorus	1.8
Potassium	3.6
Sodium	5.4
Copper (mg)	6.3

Weight Class LB	Weight Class KG	Ounces/Day
5 - 10	2.3 - 4.5	3 - 5
10 - 20	4.5 - 9.1	5 - 8
20 - 30	9.1 - 13.6	8 - 11
30 - 40	13.6 - 18.2	11 - 14
40 - 50	18.2 - 22.7	14 - 16
50 - 60	22.7 - 27.3	16 - 19
60 - 70	27.3 - 31.8	19 - 21
70 - 80	31.8 - 36.4	21 - 23
80 - 90	36.4 - 40.9	23 - 25
90 - 100	40.9 - 45.5	25 - 27

PLANT-BASED - Ingredients:

Garbanzo beans, vegetable broth, pea flour, water, dried miscanthus grass, millet, fava bean protein, salt, fava beans, brown rice, calcium carbonate, canola oil, vegetable glycerin, sunflower lecithin, hickory flavor, minerals/vitamins (zinc proteinate, vitamin E supplement, iron proteinate, ferrous sulfate, biotin, copper proteinate, sodium selenite, niacin, D-calcium pantothenate, manganous oxide, riboflavin, vitamin A acetate, thiamine mononitrate, vitamin B12 supplement, pyridoxine hydrochlordie, calcium iodate, vitamin D3 supplement, folic acid), hickory flavor, natural flavor, celery seed powder, fructooligosaccharides, brewers yeast, EDTA, potassium sorbate, sodium benzoate, seasoning, sodium erythrobate.

FEATURES:

- Plant-based protein source (garbanzo and fava bean)
- Unique texture provides an easy way for medications to be coated and consumed.
- Can be used as a flavorful topper to enhance the palatability and enjoyment of the regular diet.
- Complete and balanced – please see feeding guidelines (below) if feeding exclusively for adult maintenance

THERAPEUTIC INDICATIONS:

- Safe and effective compliance aid for otherwise healthy, stable food allergic patients

Size (roll): 1 lb
kcal/g as fed: 2.5
kcal/oz: 72

Nutrient	g/1,000 kcal
Protein	62.1
Fat	31.6
Crude Fibre	25.4
Calcium	3.2
Phosphorus	1.5
Potassium	3.0
Sodium	4.4
Copper (mg)	6.3

Weight Class LB	Weight Class KG	Ounces/Day
5 - 10	2.3 - 4.5	3 - 4
10 - 20	4.5 - 9.1	4 - 7
20 - 30	9.1 - 13.6	7 - 10
30 - 40	13.6 - 18.2	10 - 12
40 - 50	18.2 - 22.7	12 - 14
50 - 60	22.7 - 27.3	14 - 16
60 - 70	27.3 - 31.8	16 - 18
70 - 80	31.8 - 36.4	18 - 20
80 - 90	36.4 - 40.9	20 - 22
90 - 100	40.9 - 45.5	22 - 24

NUTRITIONAL ADEQUACY STATEMENT:

Association of American Feed Control Officials (AAFCO): Treats are intended for supplemental or intermittent feeding.

FEEDING GUIDELINES

Ensure that calorie energy from treats does not exceed 10% of the pet's daily kcal intake. Remember that the total kcal from treats should be subtracted from the pet's calculated daily kcal requirement when determining the total daily volume fed.[13]

Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs and 50% between cats.[14,15]

HELP:

For veterinarians wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

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RAYNE REWARDS DENTAL CHEWS

Rayne Rewards Dental Chews contain a single novel protein source for use in otherwise healthy, stable food allergic dogs.

Inclusion of sodium hexametaphosphate along with mechanical action of chewing the treat helps to reduce tartar and promote oral health.

TREAT FEATURES:

- Single, novel protein source (kangaroo)[1,2]
- Contains sodium hexametaphosphate for tartar control
- Unique texture and shape promote chewing

INDICATIONS:

- Safe and effective compliance aid for otherwise healthy, stable food allergic patients
- Aid in maintenance of oral health

RAYNE REWARDS DENTAL CHEWS

INGREDIENTS:

Dried banana, potato flour, tapioca starch, vegetable glycerine, dried kangaroo, natural flavoring, sodium hexametaphosphate, smoke flavor, citric acid, parsley flakes, buffered vinegar.

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CHEW:

Small Chew: 428 g (bag)
Treats/bag: 28
Approximate dimensions: 3.5 x 1 inch
ME: 3,900 kcal/kg as is;
kcal/treat: 60
g/treat: 15

Medium Chew: 731 g (bag)
Treats/bag: 28
Approximate dimensions: 4 x 1 inch
ME: 3,900 kcal/kg as is;
kcal/treat: 101
g/treat: 26

Nutrient	% As Is	% Dry Matter	g/1,000 kcal
Protein	7.3	8.7	25.8
Fat	1.4	1.7	5.0
Crude Fibre	0.69	0.84	2.5
CHO-NFE#	70.2	83.5	247.9
Calcium	0.39	0.46	1.4
Phosphorus	0.64	0.76	2.3
Potassium	0.96	1.1	3.4
Sodium	0.55	0.65	1.9
Copper	3.4 mg/kg	4.2 mg/kg	1.3 mg

Carbohydrate Nitrogen-Free Extract
** The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release.

RAYNE REWARDS DENTAL CHEWS

NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES:

Association of American Feed Control Officials (AAFCO): Treats are intended for supplemental or intermittent feeding.

FEEDING GUIDELINES:

- Ensure that calorie energy from treats does not exceed 10% of the pet's daily kcal intake. Remember that the total kcal from treats should be subtracted from the pet's calculated daily kcal requirement when determining the total daily volume fed.[7]
- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs and 50% between cats.[8,9]

SMALL CHEWS
60 kcal/chew

Weight Class LB	Weight Class KG	Chews to Feed Per Day
5 - 10	2.3 - 4.6	1/4
10 - 25	4.6 - 11.4	1/2
25	11.4	1

MEDIUM CHEWS
101 kcal/chew

Weight Class LB	Weight Class KG	Chews to Feed Per Day
25 - 50	11.4 - 22.7	1/2
> 50 lbs	22.7	1

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login, or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

REFERENCES TO SUPPORT THE ABOVE CLINICAL INDICATIONS AND AID CLIENT DISCUSSIONS ABOUT THE BENEFITS OF THE ABOVE VETERINARY EXCLUSIVE DIETS INCLUDE:

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8. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim HospAssoc. 2010; 46(4):285-96.
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TREATS AND TOPPERS

WellStride treats and toppers are highly palatable snacks that can be used as part of a pet's regular diet, as a training tool, or simply to bond. The toppers provide unique and flavorful solutions for enhancing the palatability and enjoyment of their regular diet.

Treats are intended for intermittent or supplemental feeding and should not exceed more than 10% of the dog's total caloric intake. The total calories from treats must be subtracted from the calculated daily caloric requirement to avoid overfeeding.

TURKEY WITH BLUEBERRIES (Air-Dried)

Turkey with Blueberries air-dried treats are a carefully formulated solution for healthy pets and pet owners that need and want less-processed and lower AGE (Advanced Glycation End-Product) treats. Accumulation of AGEs in the body promotes inflammation and oxidative stress.[1] The unique air-dried cooking process of the treats results in lower levels of AGEs compared to other cooking methods.[2-4]

TREAT FEATURES:

- Air-dried
- Lower AGEs (Advanced Glycation End-Products) results in less inflammatory load in the body[1-4]
- Low calorie
- Low sodium
- Highly palatable and easily digested
- Complete and balanced for adult maintenance of dogs

INGREDIENTS:

Turkey, rice, gelatin, cane molasses, glycerin, marine microalgae, tomato pomace, blueberries, spinach, flaxseed, sunflower oil, fructooligosaccharides, carnitine, taurine, mixed tocopherols, rosemary extract, vitamins, minerals.

Size (bag): 255g
g/treat: 2
kcal/treat: 6

Nutrient	g/1,000 kcal
Protein	83.7
Fat	35.0
Crude Fibre	4.0
Calcium	1.6
Phosphorus	1.2
Potassium	2.2
Sodium	0.64

PORK TREATS (Freeze-Dried)

Pork freeze-dried treats are a carefully formulated solution for healthy pets and pet owners that need and want less-processed, simple ingredient treats. The high levels of protein make these treats an excellent high-value reward for training.

TREAT FEATURES:

- Freeze-Dried
- Single, animal protein source (pork)
- Highly palatable

INGREDIENTS:

Pork heart, pork liver, pork, herring oil, mixed tocopherols, d-alpha tocopherols, zinc amino acid chelate, iron amino acid chelate, copper amino acid chelate, manganese amino acid chelate.

Size (bag): 255g
g/treat: 0.3
kcal/treat: 1.5

Nutrient	g/1,000 kcal
Protein	100.4
Fat	71.7
Crude Fibre	1.9

GOOD GRAVY - VEGETABLE (Topper)

Good Gravy Vegetable Toppers provide a unique and flavorful solution for enhancing the palatability and enjoyment of a dog's regular diet.

Size (pouch): 40g
kcal/kg: 540
kcal/pouch: 22

TOPPER FEATURES:

- Great for healthy dogs to enhance palatability of their regular diet
- Conveniently sized packages for single use
- Complete and balanced for adult maintenance of dogs

INGREDIENTS:

Water, sweet potato, pumpkin seed, pineapple, pumpkin, tomato, natural flavor, spinach, glycine, chia, calcium lactate, guar gum, xylose, choline chloride, vitamins, minerals.

NUTRITIONAL INFORMATION:

Please contact us with any additional nutritional questions at info@raynenutrition.com.

NUTRITIONAL ADEQUACY STATEMENT:

The WellStride Turkey with Blueberry Treats and Good Gravy - Vegetable Toppers have been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult dogs. The WellStride Pork Treats are not complete and balanced and are intended for supplemental or intermittent feeding.

FEEDING GUIDELINES:

Ensure that calorie energy from treats and toppers does not exceed 10% of the pet's daily kcal intake. Remember that the total kcal from treats should be subtracted from the pet's calculated daily kcal requirement when determining the total daily volume fed.[5] Always follow your veterinarian's instructions as feeding amounts can vary by as much as 30% between dogs.[6,7]

HELP:

For veterinarians wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

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6. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. J Am Anim Hosp Assoc. 2010 Jul-Aug; 46(4):285-96.
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Rayne Nutrition

Cups Per Bag Guide

Use these tables to estimate how many cups of food are in each bag.

CANINE DIETS

DIET NAME	SIZE	CUPS/BAG
ADULT HEALTH-RSS	3 KG	27
	11 KG	73
CROCODILIA-MAINT WITH CHICKPEA	3 KG	28
	11 KG	103
CROCODILIA-MAINT WITH QUINOA	3 KG	28
	11 KG	103
ECODERM-BSFL	1.8 KG	25
GROWTH/SENSITIVE-GI	3 KG	27
	12 KG	73
LOW FAT KANGAROO-MAINT WITH CHICKPEA *	3 KG	32
	11 KG	117
LOW FAT KANGAROO-MAINT WITH QUINOA *	3 KG	30
	11 KG	111
PLANT-BASED	3 KG	36
	11 KG	131
RABBIT-MAINT WITH CHICKPEA	3 KG	30
	11 KG	110
RABBIT-MAINT WITH QUINOA	3 KG	29
	11 KG	107
SKIN RELIEF	1.6 KG	17

FELINE DIETS

DIET NAME	SIZE	CUPS/BAG
ADULT HEALTH-RSS	3 KG	28
KANGAROO-MAINT (FREEZE-DRIED) *	0.9 KG	20
RABBIT-MAINT	3 KG	27

DUAL-SPECIES DIETS

DIET NAME	SIZE	CUPS/BAG
KANGAROO-DIAG (FREEZE-DRIED) *	0.9 KG	16
RABBIT-DIAG (FREEZE-DRIED)	0.9 KG	20

HELP:

For veterinarians or clinic staff wanting to discuss individualized patient recommendations, obtain additional diet information, or any other questions, please contact us for a consult: consults@raynenutrition.com or 1-800-816-1763.

*Sale of kangaroo products prohibited in the state of California, USA

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