BEYONCE KAM

PET OWNER:	**KAM**	**MR T A IRVING VETERINARY SURGEON**		LAB ID:	
SPECIES:	Canine	13 CHURCH LANE WHITEFIELD		ORDER ID:	
BREED:	Miniature Schnauzer	MANCHESTER, LANCASHIRE M45 7NE		DATE OF RECEIPT:	**9/11/2022**
GENDER:	Female Neutered	01617 662550		DATE OF RESULT:	**9/11/2022**
AGE:	14 Years	ACCOUNT #:			
PATIENT ID:		ATTENDING VET:	Janice Cheung		

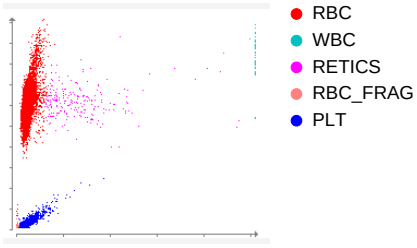
IDEXX Services: **ProCyte Dx Haematology Analyser, Catalyst One Chemistry Analyser**

Haematology

9/11/2022 **4:43 PM**

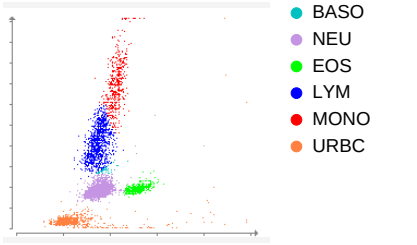
TEST	RESULT	REFERENCE VALUE	
RBC	5.90	5.65 - 8.87 x10^12/L	
Haematocrit	0.418	0.373 - 0.617 L/L	
Haemoglobin	145	131 - 205 g/L	
MCV	70.8	61.6 - 73.5 fL	
MCH	24.6	21.2 - 25.9 pg	
MCHC	347	320 - 379 g/L	
RDW	14.6	13.6 - 21.7 %	
% Reticulocyte	1.0	%	
Reticulocytes	59.0	10.0 - 110.0 K/µL	
Reticulocyte Haemoglobin	26.2	22.3 - 29.6 pg	
WBC	8.43	5.05 - 16.76 x10^9/L	
% Neutrophils	73.5	%	
% Lymphocytes	14.2	%	
% Monocytes	6.0	%	
% Eosinophils	5.5	%	
% Basophils	0.8	%	
Neutrophils	6.19	2.95 - 11.64 x10^9/L	
Lymphocytes	1.20	1.05 - 5.10 x10^9/L	
Monocytes	0.51	0.16 - 1.12 x10^9/L	
Eosinophils	0.46	0.06 - 1.23 x10^9/L	
Basophils	0.07	0.00 - 0.10 x10^9/L	
Platelets	367	148 - 484 x10^9/L	
PDW	12.1	9.1 - 19.4 fL	
MPV	12.9	8.7 - 13.2 fL	
Plateletcrit	**0.47**	**0.14 - 0.46 %**	H

RBC Run



Download

WBC Run



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Chemistry

9/11/2022 **5:02 PM**

TEST	RESULT	REFERENCE VALUE	
Glucose	5.68	3.89 - 7.95 mmol/L	
IDEXX SDMA [a]	**25**	**0 - 14 µg/dL**	H
Creatinine	**234**	**44 - 159 µmol/L**	H
Urea	**16.5**	**2.5 - 9.6 mmol/L**	H
BUN: Creatinine Ratio	18		
Phosphorus	1.27	0.81 - 2.20 mmol/L	
Calcium	2.76	1.98 - 3.00 mmol/L	
Sodium	154	144 - 160 mmol/L	
Potassium	4.5	3.5 - 5.8 mmol/L	
Na: K Ratio	35		
Chloride	112	109 - 122 mmol/L	
Total Protein	72	52 - 82 g/L	
Albumin	32	22 - 39 g/L	
Globulin	40	25 - 45 g/L	
Albumin: Globulin Ratio	0.8		
ALT	51	10 - 125 U/L	
ALP	48	23 - 212 U/L	
GGT	0	0 - 11 U/L	

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE
Bilirubin - Total	2	0 - 15 µmol/L
Cholesterol	6.25	2.84 - 8.26 mmol/L
Amylase	923	500 - 1,500 U/L
Lipase	1,276	200 - 1,800 U/L
Osmolality	318	mmol/kg

a SDMA:

SDMA and CREA are increased: acute, active or chronic kidney injury likely. Recommended next step: complete urinalysis. For information on recommended actions visit: www.idexx.com/sdmaalgorithm.

Endocrinology

9/11/2022 **5:02 PM**

TEST	RESULT	REFERENCE VALUE	
Total T4	a **12**	**13 - 51 nmol/L**	L

a Diagnostic Interpretation for TT4
< 13 nmol/L Low
13 - 26 nmol/L Low Normal
13 - 51 nmol/L Normal
> 51 nmol/L High
27 - 69 nmol/L Therapeutic
Dogs with no clinical signs of hypothyroidism and results within the normal reference range are likely euthyroid. Dogs with low T4 concentrations may be hypothyroid or "euthyroid sick". Occasionally, hypothyroid dogs can have T4 concentrations that are low normal. Dogs with clinical signs of hypothyroidism and low or low normal T4 concentrations may be evaluated further by submission of freeT4 (fT4) and canine TSH. A high T4 concentration in a clinically normal dog is likely variation of normal; however elevations may occur secondary to thyroid auto antibodies or rarely thyroid neoplasia. For dogs on thyroid supplement, acceptable 4-6 hour post pill total T4 concentrations generally fall within the higher end or slightly above the reference range.