



DAISY HELPING HANDS

PET OWNER: **HELPING HANDS**
 SPECIES: Primate, Other
 BREED: MONKEY_CAPUCHIN
 GENDER:
 AGE:
 PATIENT ID:

HELPING HANDS MONKEY HELPERS
 541 CAMBRIDGE STREET
 BOSTON, MASS 02134
 617-910-8109
 ACCOUNT #: 53368
 ATTENDING VET: SULLIVAN

LAB ID: 2312843136
 ORDER ID: TR2055648918800013
 COLLECTION DATE: **1/26/24**
 DATE OF RECEIPT: **1/26/24**
 DATE OF RESULT: **1/26/24**

IDEXX Services: Total Health™ Profile Select, CLIN PATH REVIEW

Hematology



1/26/24 (Order Received)
 1/26/24 11:16 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
RBC	6.00	M/ μ L
Hematocrit	43.4	%
Hemoglobin	14.4	g/dL
MCV	72	fL
MCH	24.0	pg
MCHC	33.2	g/dL
WBC	5.9	K/ μ L
% Neutrophils	50.0	%
% Bands	1.0	%
% Lymphocytes	24.0	%
% Monocytes	3.0	%
% Eosinophils	8.0	%
% Basophils	1.0	%
% Unclassified	13.0	%
Neutrophils	2.95	K/ μ L
Bands	59	/uL
Lymphocytes	1.416	K/ μ L
Monocytes	0.177	K/ μ L
Eosinophils	0.472	K/ μ L
Basophils	0.059	K/ μ L
Unclassified	767	<= 0 /uL
Platelets	494	K/ μ L
Platelet Observations	Severe platelet clumping or fibrin strands observed. Platelet count and blood film assessment should be interpreted with caution.	
Remarks	No RBC morphology abnormalities seen. No parasites seen Reactive lymphocytes present. Results preliminary pending pathologist review.	

Chemistry



1/26/24 (Order Received)

1/26/24 11:16 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
Glucose	198	mg/dL
IDEXX SDMA ^a	6	µg/dL
Creatinine	0.5	mg/dL
BUN	33	mg/dL
BUN: Creatinine Ratio	66.0	
Phosphorus	2.4	mg/dL
Calcium	9.2	mg/dL
Sodium	148	mmol/L
Potassium	3.7	mmol/L
Na: K Ratio	40	
Chloride	109	mmol/L
TCO2 (Bicarbonate)	17	mmol/L
Anion Gap	26	mmol/L
Total Protein	6.8	g/dL
Albumin	4.1	g/dL
Globulin	2.7	g/dL
Albumin: Globulin Ratio	1.5	
ALT	17	U/L
AST	21	U/L
ALP	87	U/L
GGT ^b	45	U/L
Bilirubin - Total	0.1	mg/dL
Bilirubin - Unconjugated	0.0	mg/dL
Bilirubin - Conjugated	<0.1	mg/dL
Cholesterol	179	mg/dL
Amylase	72	U/L
Lipase	15	U/L
Creatine Kinase	121	U/L



Chemistry (continued)

TEST	RESULT	REFERENCE VALUE
Hemolysis Index	^c N	
Lipemia Index	^d N	
^a No information is currently available on how to interpret SDMA in this species.		
^b RESULT VERIFIED BY REPEAT ANALYSIS		
^c Index of N, 1+, 2+ exhibits no significant effect on chemistry values.		
^d Index of N, 1+, 2+ exhibits no significant effect on chemistry values.		

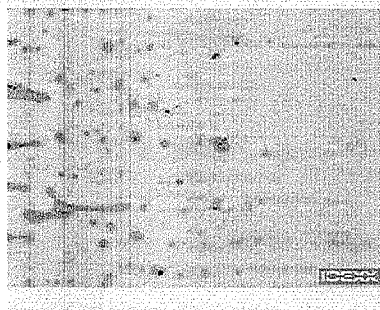
Pathology



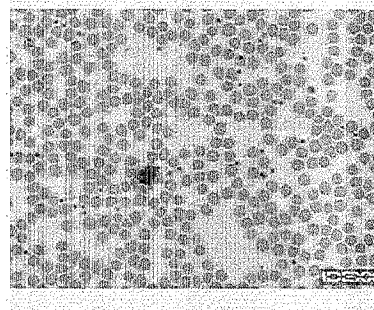
1/26/24 (Order Received)

1/26/24 11:16 AM (Last Updated)

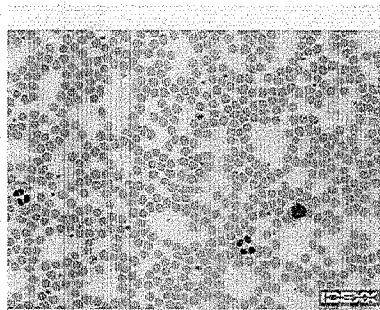
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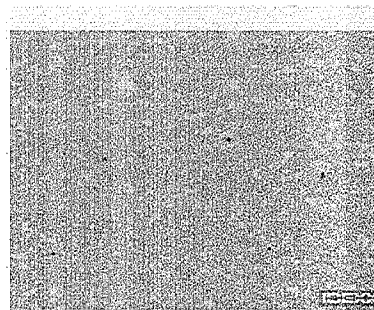
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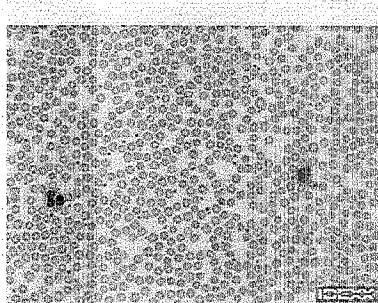
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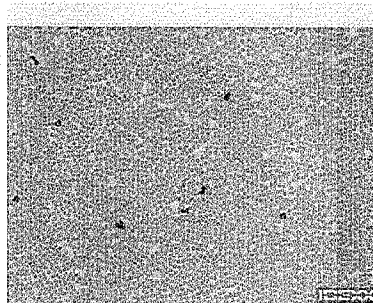
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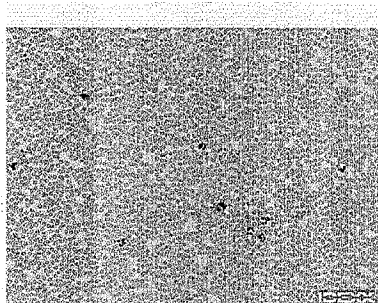
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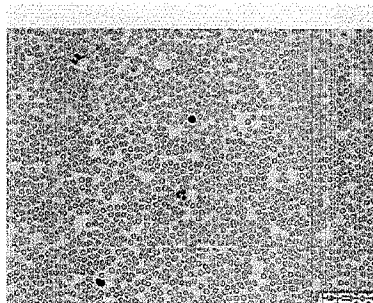
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Pathologist's Review

INTERPRETATION:

Peripheral blood: Probable reactive lymphoid hyperplasia; possible minimal basophilia and eosinophilia; please see comments.

COMMENTS:

Overall, the numerical data agrees with the previously reported numbers. No definitive well established reference ranges are available for most avian and exotic species. Comments are based on experiential and cumulative data. The total leukocyte numbers appear within normal limits. Based on a 100 cell count differential, there are 66% segmented neutrophils, 26% lymphoid cells, 3% monocytes, 3% eosinophils, and 2% basophils. Low numbers of granular lymphocytes are identified (previously counted as unclassified). The cells are 10 to 15 um in diameter with moderate nuclear to cytoplasmic ratios. Nuclei are irregular in shape with smudged chromatin patterns. Cytoplasm is moderate in amount, pale basophilic in appearance, and contains several small eosinophilic cytoplasmic granules. The cells are interspersed with cytomorphologically normal appearing small lymphocytes and reactive intermediate lymphocytes. Given the heterogeneity in the lymphoid population as well as the normal total leukocyte numbers, this is suspected to be an indication of reactive lymphoid hyperplasia secondary to antigenic stimulation. Although considered less likely, underlying lymphoid neoplasia cannot fully be ruled out. The eosinophils and basophils are of questionable clinical significance. They appear minimally increased relative to that expected. This raises a concern for an underlying hypersensitivity/allergic process in this patient. However, eosinophils and basophils may also be associated with parasitic disease, certain types of infectious etiologies, idiosyncratic drug reactions, etc. Correlation of this report with the physical exam findings and the clinical impression as well as previous CBC data in this patient is suggested.

The erythrocyte and platelet mass appear adequate. Low numbers of large platelets are identified which may suggest a bone marrow response to a peripheral demand for platelets and increased platelet turnover.

Evaluation of serial CBC data may be of benefit for further characterization, particularly if there is an indication of inflammation or underlying disease. Additional diagnostic should be based on the clinical impression.

PATHOLOGIST:

Elizabeth E Jay, DVM MS
Diplomate, American College of Veterinary Pathologists

HOW TO CONTACT ME:

Email (preferred): elizabeth-jay@idexx.com



DAISY HELPING HANDS

PET OWNER: **HELPING HANDS**

SPECIES: Primate, Other

BREED: MONKEY

GENDER: Female

AGE:

PATIENT ID:

HELPING HANDS MONKEY HELPERS

541 CAMBRIDGE STREET

BOSTON, MASS 02134

617-910-8109

ACCOUNT #: 53368

ATTENDING VET: SULLIVAN

LAB ID: 2309437521

ORDER ID: 409

COLLECTION DATE: **10/6/22**

DATE OF RECEIPT: **10/7/22**

DATE OF RESULT: **10/7/22**

IDEXX Services: IDEXX CBC-Select®, SAMPLE/TEST INFO NEEDED

Hematology



10/7/22 (Order Received)

10/7/22 2:50 AM (Last Updated)

3/18/22

TEST	RESULT	REFERENCE VALUE	
RBC	5.75	M/ μ L	5.79
Hematocrit	41.8	%	42.4
Hemoglobin	14.4	g/dL	14.3
MCV	73	fL	73
MCH	25.0	pg	24.7
MCHC	34.4	g/dL	33.7
WBC	6.7	K/ μ L	6.0
% Neutrophils	57.6	%	57.0
% Lymphocytes	38.7	%	18.0
% Monocytes	2.8	%	5.0
% Eosinophils	0.0	%	9.0
% Basophils	0.9	%	5.0
Neutrophils	3.859	K/ μ L	3.42
Lymphocytes	2.593	K/ μ L	1.08
Monocytes	0.188	K/ μ L	0.3
Eosinophils	0	K/ μ L	0.54
Basophils	0.06	K/ μ L	0.3
Platelets	464	K/ μ L	536
Remarks	Slide reviewed microscopically. No parasites seen		Slide rev...

DAISY HELPING HANDS

PET OWNER: **HELPING HANDS**
 SPECIES: Primate, Other
 BREED: Capuchin, Brown
 GENDER: Female Spayed
 AGE: 30 Years
 PATIENT ID:

HELPING HANDS MONKEY HELPERS
 541 CAMBRIDGE STREET
 BOSTON, MASS 02134
 617-910-8109
 ACCOUNT #: 53368
 ATTENDING VET: SULLIVAN

LAB ID: 2308785402
 ORDER ID: 343
 COLLECTION DATE: **4/14/22**
 DATE OF RECEIPT: **4/15/22**
 DATE OF RESULT: **4/20/22**

IDEXX Services: **Total Health™ Profile Select, Pathologist Review of CBC**

Hematology



4/15/22 (Order Received)
4/20/22 8:45 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
RBC	5.88	M/ μ L
Hematocrit	42.7	%
Hemoglobin	14.2	g/dL
MCV	73	fL
MCH	24.1	pg
MCHC	33.3	g/dL
WBC	4.9	K/ μ L
% Neutrophils	56.8	%
% Lymphocytes	36.7	%
% Monocytes	5.1	%
% Eosinophils	0.2	%
% Basophils	1.2	%
Neutrophils	2.783	K/ μ L
Lymphocytes	1.798	K/ μ L
Monocytes	0.25	K/ μ L
Eosinophils	0.01	K/ μ L
Basophils	0.059	K/ μ L
Platelets	468	K/ μ L
Remarks	Slide reviewed microscopically. No parasites seen	

Chemistry



4/15/22 (Order Received)
4/20/22 8:45 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
Glucose	106	mg/dL


Chemistry (continued)

TEST	RESULT	REFERENCE VALUE
IDEXX SDMA	^a 7	µg/dL
Creatinine	0.5	mg/dL
BUN	25	mg/dL
BUN: Creatinine Ratio	50.0	
Phosphorus	3.2	mg/dL
Calcium	9.4	mg/dL
Sodium	151	mmol/L
Potassium	4.1	mmol/L
Na: K Ratio	37	
Chloride	115	mmol/L
TCO2 (Bicarbonate)	14	mmol/L
Anion Gap	26	mmol/L
Total Protein	7.6	g/dL
Albumin	4.8	g/dL
Globulin	2.8	g/dL
Albumin: Globulin Ratio	1.7	
ALT	30	U/L
AST	33	U/L
ALP	116	U/L
GGT	^b 60	U/L
Bilirubin - Total	<0.1	mg/dL
Bilirubin - Unconjugated	0.0	mg/dL
Bilirubin - Conjugated	0.1	mg/dL
Cholesterol	193	mg/dL
Amylase	87	U/L
Lipase	14	U/L
Creatine Kinase	232	U/L
Hemolysis Index	^c N	
Lipemia Index	^d N	



Chemistry (continued)

- a No information is currently available on how to interpret SDMA in this species.
- b RESULT VERIFIED BY REPEAT ANALYSIS
- c Index of N, 1+, 2+ exhibits no significant effect on chemistry values.
- d Index of N, 1+, 2+ exhibits no significant effect on chemistry values.

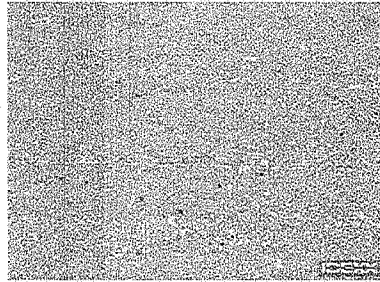
Pathology



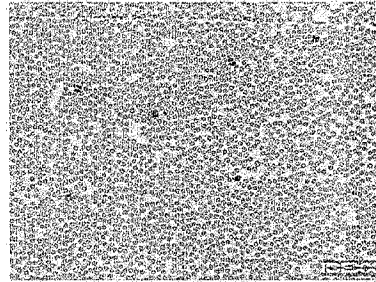
4/15/22 (Order Received)

4/20/22 8:45 AM (Last Updated)

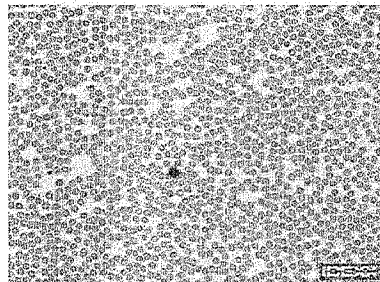
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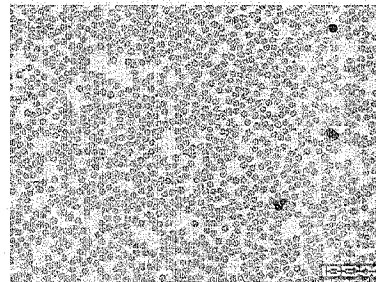
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Pathologist's Review

INTERPRETATION:

RBC: The erythrocyte density is subjectively adequate and in agreement with the reported HCT (42.7%). No hemic parasites or significant morphologic abnormalities are identified.

**Pathology (continued)**

WBC: The leukocyte density appears subjectively adequate and a manual 100-cell pathologist differential identified 54% segmented neutrophils, 4% eosinophils, 4% monocytes, and 38% lymphocytes. Many of the lymphocytes appear small and well differentiated. A small percentage appear more medium sized or possibly larger, and have a small or moderate amount of light basophilic cytoplasm with appearance of fine pinkish granulation. The clinical significance of this morphology is undetermined; this population may be a manifestation of a reactive population, however, an early or emerging lymphoid neoplasm cannot be entirely excluded. Continued monitoring and correlation with clinical impressions is recommended.

PLT: Individual platelet morphology is unremarkable and the platelets appear to be adequate.

PATHOLOGIST:

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DAISY HELPING HANDS

PET OWNER: **HELPING HANDS**

SPECIES: Primate, Other

BREED: MONKEY

GENDER: Female

AGE:

PATIENT ID:

HELPING HANDS MONKEY HELPERS

541 CAMBRIDGE STREET

BOSTON, MASS 02134

617-910-8109

ACCOUNT #: 53368

ATTENDING VET: SULLIVAN

LAB ID: 2308937663

ORDER ID: 328

COLLECTION DATE: **3/17/22**

DATE OF RECEIPT: **3/18/22**

DATE OF RESULT: **3/18/22**

IDEXX Services: **Total Health™ Profile Select, CLIN PATH REVIEW**

Hematology



3/18/22 (Order Received)

3/18/22 3:51 PM (Last Updated)

TEST	RESULT	REFERENCE VALUE
RBC	5.79	M/ μ L
Hematocrit	42.4	%
Hemoglobin	14.3	g/dL
MCV	73	fL
MCH	24.7	pg
MCHC	33.7	g/dL
WBC	6.0	K/ μ L
% Neutrophils	57.0	%
% Lymphocytes	18.0	%
% Monocytes	5.0	%
% Eosinophils	9.0	%
% Basophils	5.0	%
% Unclassified	6.0	%
Neutrophils	3.42	K/ μ L
Lymphocytes	1.08	K/ μ L
Monocytes	0.3	K/ μ L
Eosinophils	0.54	K/ μ L
Basophils	0.3	K/ μ L
Unclassified	360	/ μ L
Platelets	536	K/ μ L

Remarks

Slide reviewed microscopically.
No parasites seen

Results preliminary pending pathologist review.





Chemistry



3/18/22 (Order Received)

3/18/22 3:51 PM (Last Updated)

TEST	RESULT	REFERENCE VALUE
Glucose	113	mg/dL
IDEXX SDMA ^a	5	µg/dL
Creatinine	0.5	mg/dL
BUN	30	mg/dL
BUN: Creatinine Ratio	60.0	
Phosphorus	3.3	mg/dL
Calcium	9.5	mg/dL
Sodium	148	mmol/L
Potassium	4.4	mmol/L
Na: K Ratio	34	
Chloride	115	mmol/L
TCO2 (Bicarbonate)	15	mmol/L
Anion Gap	22	mmol/L
Total Protein	6.5	g/dL
Albumin	4.4	g/dL
Globulin	2.1	g/dL
Albumin: Globulin Ratio	2.1	
ALT	36	U/L
AST	33	U/L
ALP	118	U/L
GGT ^b	50	U/L
Bilirubin - Total	<0.1	mg/dL
Bilirubin - Unconjugated	0.0	mg/dL
Bilirubin - Conjugated	<0.1	mg/dL
Cholesterol	209	mg/dL
Amylase	100	U/L
Lipase	15	U/L
Creatine Kinase	127	U/L



Chemistry (continued)

TEST	RESULT	REFERENCE VALUE
Hemolysis Index	c 1+	
Lipemia Index	d N	
<p>a No information is currently available on how to interpret SDMA in this species.</p> <p>b RESULT VERIFIED BY REPEAT ANALYSIS</p> <p>c Index of N, 1+, 2+ exhibits no significant effect on chemistry values.</p> <p>d Index of N, 1+, 2+ exhibits no significant effect on chemistry values.</p>		

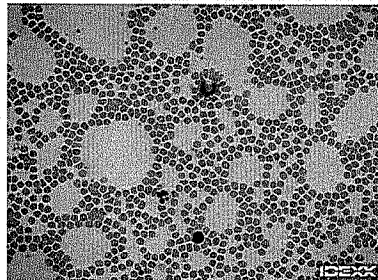
Pathology



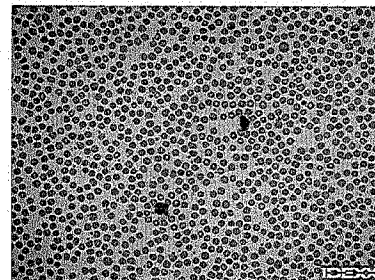
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3/18/22 3:51 PM (Last Updated)

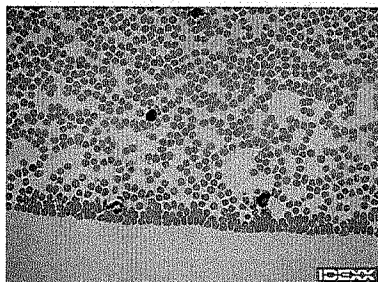
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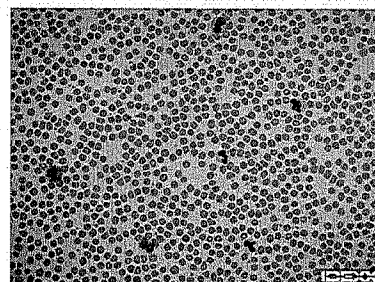
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50x



50x

**Pathology (continued)****Pathologist's
Review****INTERPRETATION:**

Be advised that IDEXX does not have established reference ranges for this species.

Leukon: The white blood cell differential count is repeated: 46% neutrophils, 34% lymphocytes, 9% monocytes and 11% eosinophils.

Some of the lymphocytes have an atypical appearance and these cells were likely included in the "unclassified cell" category of the original report. Atypical lymphocytes are intermediate to large in size and have small amounts of light blue cytoplasm and round to oval or cleaved to irregularly round, eccentrically located nuclei which have stippled chromatin lacking conspicuous nucleoli. While these atypical lymphocytes could represent an expansion of reactive lymphocytes (i.e. responding to chronic antigenic or immunologic stimulation), the possibility of an emerging lymphoid neoplasia (e.g. leukemic phase of stage V lymphoma, lymphocytic leukemia) cannot be completely ruled out.

Erythron: RBC density appears adequate on subjective examination of the blood smear. There is no evidence of hemoparasitism or RBC morphologic abnormalities.

Thrombon: Platelet numbers appear adequate on subjective examination of the blood smear (average 18 platelets per ten 100x HPFs, estimated count greater than 360,000/UL).

Hematologic findings from this CBC should be correlated with your clinical impression of the patient's presentation, pertinent physical exam findings, and results of other diagnostic testing.

PATHOLOGIST:

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DAISY HELPING HANDS

PET OWNER: **HELPING HANDS**
SPECIES: Primate, Other
BREED: MONKEY_CAPUCHIN
GENDER:
AGE:
PATIENT ID:

HELPING HANDS MONKEY HELPERS
541 CAMBRIDGE STREET
BOSTON, MASS 02134
617-910-8109
ACCOUNT #: 53368
ATTENDING VET:

LAB ID: 2306172365
ORDER ID: 493
COLLECTION DATE: **3/4/21**
DATE OF RECEIPT: **3/5/21**
DATE OF RESULT: **3/6/21**

IDEXX Services: **Total Health™ Profile**

Hematology



3/5/21 (Order Received)
3/6/21 7:59 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
RBC	5.74	M/ μ L
Hematocrit	41.3	%
Hemoglobin	14.1	g/dL
MCV	72	fL
MCH	24.6	pg
MCHC	34.1	g/dL
WBC	6.4	K/ μ L
% Neutrophils	57.9	%
% Lymphocytes	34.0	%
% Monocytes	6.1	%
% Eosinophils	0.6	%
% Basophils	1.4	%
Neutrophils	3.706	K/ μ L
Lymphocytes	2.176	K/ μ L
Monocytes	0.39	K/ μ L
Eosinophils	0.038	K/ μ L
Basophils	^a 0.09	K/ μ L
Platelets	515	K/ μ L

^a AUTOMATED CBC

2

3



Chemistry



3/5/21 (Order Received)
3/6/21 7:59 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
Glucose	110	mg/dL
IDEXX SDMA ^a	5	µg/dL
Creatinine	0.6	mg/dL
BUN	25	mg/dL
BUN: Creatinine Ratio	41.7	
Phosphorus	3.8	mg/dL
Calcium	9.3	mg/dL
Sodium	153	mmol/L
Potassium	4.5	mmol/L
Na: K Ratio	34	
Chloride	115	mmol/L
TCO2 (Bicarbonate)	15	mmol/L
Anion Gap	28	mmol/L
Total Protein	6.7	g/dL
Albumin	4.1	g/dL
Globulin	2.6	g/dL
Albumin: Globulin Ratio	1.6	
ALT	33	U/L
AST	33	U/L
ALP	137	U/L
GGT ^b	49	U/L
Bilirubin - Total	<0.1	mg/dL
Bilirubin - Unconjugated	0.0	mg/dL
Bilirubin - Conjugated	0.1	mg/dL
Cholesterol	209	mg/dL
Amylase	96	U/L
Lipase	14	U/L
Creatine Kinase	180	U/L

2

3



PET OWNER: **HELPING HANDS**
 SPECIES: Primate, Other
 BREED: MONKEY_CAPUCHIN
 GENDER: Female
 AGE: 28 Years
 PATIENT ID:

HELPING HANDS MONKEY HELPERS
 541 CAMBRIDGE STREET
 BOSTON, MASS 02134
 617-910-8109
 ACCOUNT #: 53368
 ATTENDING VET: POLING

LAB ID: 2302349695
 ORDER ID: 244
 COLLECTION DATE: 7/11/19
 DATE OF RECEIPT: 7/12/19
 DATE OF RESULT: 7/12/19

IDEXX Services: **Total Health™ Profile Select, SEND TO/FAX TO REQUEST**

Hematology



7/12/19 (Order Received)
 7/12/19 2:36 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
RBC	5.96	M/ μ L
Hematocrit	44.1	%
Hemoglobin	14.8	g/dL
MCV	74	fL
MCH	24.8	pg
MCHC	33.6	g/dL
WBC	5.6	K/ μ L
% Neutrophils	52.4	%
% Lymphocytes	43.3	%
% Monocytes	3.2	%
% Eosinophils	0.0	%
% Basophils	1.1	%
Neutrophils	2.934	K/ μ L
Lymphocytes	2.425	K/ μ L
Monocytes	0.179	K/ μ L
Eosinophils	0	K/ μ L
Basophils	0.062	K/ μ L
Platelets	467	K/ μ L
Remarks	Slide reviewed microscopically. No parasites seen	

Chemistry



7/12/19 (Order Received)
 7/12/19 2:36 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
Glucose	128	mg/dL

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE
IDEXX SDMA ^a	4	µg/dL
Creatinine	0.5	mg/dL
BUN	14	mg/dL
BUN: Creatinine Ratio	28.0	
Phosphorus	4.1	mg/dL
Calcium	9.6	mg/dL
Sodium	148	mmol/L
Potassium	4.1	mmol/L
Na: K Ratio	36	
Chloride	110	mmol/L
TCO2 (Bicarbonate)	11	mmol/L
Anion Gap	31	mmol/L
Total Protein	8.0	g/dL
Albumin	5.1	g/dL
Globulin	2.9	g/dL
Albumin: Globulin Ratio	1.8	
ALT	35	U/L
AST	36	U/L
ALP	120	U/L
GGT ^b	66	U/L
Bilirubin - Total	<0.1	mg/dL
Bilirubin - Unconjugated	0.0	mg/dL
Bilirubin - Conjugated	0.1	mg/dL
Cholesterol	170	mg/dL
Amylase	102	U/L
Lipase ^c	9	U/L
Creatine Kinase	95	U/L
Hemolysis Index ^d	2+	
Lipemia Index ^e	N	



DAISY HELPING HANDS

PET OWNER: **HELPING HANDS**
SPECIES: Primate, Other
BREED: MONKEY_CAPUCHIN
GENDER: Female
AGE:
PATIENT ID:

HELPING HANDS MONKEY HELPERS
541 CAMBRIDGE STREET
BOSTON, MASS 02134
617-910-8109
ACCOUNT #: 53368
ATTENDING VET: POLING

LAB ID: 2302966740
ORDER ID: 256
COLLECTION DATE: **9/19/18**
DATE OF RECEIPT: **9/20/18**
DATE OF RESULT: **9/20/18**

IDEXX Services: **Total Health™ Profile Select, SEND TO/FAX TO REQUEST**

Hematology



9/20/18 (Order Received)
9/20/18 5:46 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
RBC	5.9	M/ μ L
Hematocrit	43.7	%
Hemoglobin	15.0	g/dL
MCV	74	fL
MCH	25.4	pg
MCHC	34.3	g/dL
WBC	7.3	K/ μ L
% Neutrophils	61.4	%
% Lymphocytes	33.8	%
% Monocytes	3.2	%
% Eosinophils	0.6	%
% Basophils	1.0	%
Neutrophils	4.482	K/ μ L
Lymphocytes	2.467	K/ μ L
Monocytes	0.234	K/ μ L
Eosinophils	0.044	K/ μ L
Basophils	0.073	K/ μ L
Platelets	487	K/ μ L
Remarks	Slide reviewed microscopically. No parasites seen	



8/31/17

Chemistry



9/20/18 (Order Received)
9/20/18 5:46 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
Glucose	88	mg/dL



8/31/17





Chemistry (continued)

TEST	RESULT	REFERENCE VALUE	
IDEXX SDMA	^a 6	µg/dL	7
Creatinine	0.5	mg/dL	0.5
BUN	12	mg/dL	16
BUN: Creatinine Ratio	24.0		32.0
Phosphorus	3.4	mg/dL	4.3
Calcium	9.0	mg/dL	9.0
Sodium	147	mmol/L	147
Potassium	3.7	mmol/L	3.1
Na: K Ratio	40		47
Chloride	114	mmol/L	115
TCO2 (Bicarbonate)	15	mmol/L	12
Anion Gap	22	mmol/L	23
Total Protein	6.5	g/dL	5.8
Albumin	3.9	g/dL	3.6
Globulin	2.6	g/dL	2.2
Albumin: Globulin Ratio	1.5		1.6
ALT	38	U/L	25
AST	40	U/L	31
ALP	93	U/L	118
GGT	^b 34	U/L	31
Bilirubin - Total	0.1	mg/dL	0.1
Bilirubin - Unconjugated	0.0	mg/dL	0.0
Bilirubin - Conjugated	<0.1	mg/dL	<0.1
Cholesterol	168	mg/dL	138
Amylase	88	U/L	85
Lipase	10	U/L	6
Creatine Kinase	980	U/L	95
Hemolysis Index	^c N		N
Lipemia Index	^d N		N



DAISY HELPING HANDS

PET OWNER: **HELPING HANDS**
 SPECIES: Primate, Other
 BREED:
 GENDER: Female
 AGE:
 PATIENT ID:

HELPING HANDS MONKEY HELPERS
 541 CAMBRIDGE STREET
 617-910-8109
 ACCOUNT #: 53368
 ATTENDING VET: POLING

LAB ID: 2300790994
 ORDER ID: 36
 COLLECTION DATE: **8/30/17**
 DATE OF RECEIPT: **8/31/17**
 DATE OF RESULT: **8/31/17**

IDEXX Services: **Total Health™**

Hematology

8/31/17 (Order Received)
8/31/17 5:48 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
RBC	6.17	M/ μ L
Hematocrit	50.2	%
Hemoglobin	15.0	g/dL
MCV	81	fL
MCH	24.3	pg
MCHC	29.9	g/dL
WBC	6.3	K/ μ L
% Neutrophil	64.0	%
% Lymphocyte	29.0	%
% Monocyte	2.0	%
% Eosinophil	5.0	%
% Basophil	0.0	%
Neutrophil	4.032	K/ μ L
Lymphocyte	1.827	K/ μ L
Monocyte	0.126	K/ μ L
Eosinophil	0.315	K/ μ L
Basophil	0	K/ μ L
Platelet	496	K/ μ L
Remarks	SLIDE REVIEWED MICROSCOPICALLY. NO PARASITES SEEN	

Chemistry

8/31/17 (Order Received)
8/31/17 5:48 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE
Glucose	103	mg/dL

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE
IDEXX SDMA	^a 7	µg/dL
Creatinine	0.5	mg/dL
BUN	16	mg/dL
BUN:Creatinine Ratio	32.0	
Phosphorus	4.3	mg/dL
Calcium	9.0	mg/dL
Sodium	147	mmol/L
Potassium	3.1	mmol/L
Na:K Ratio	47	
Chloride	115	mmol/L
TCO2 (Bicarbonate)	12	mmol/L
Anion Gap	23	mmol/L
Total Protein	5.8	g/dL
Albumin	3.6	g/dL
Globulin	2.2	g/dL
Alb:Glob Ratio	1.6	
ALT	25	U/L
AST	31	U/L
ALP	118	U/L
GGT	^b 31	U/L
Bilirubin - Total	0.1	mg/dL
Bilirubin - Unconjugated	0.0	mg/dL
Bilirubin - Conjugated	<0.1	mg/dL
Cholesterol	138	mg/dL
Amylase	85	U/L
Lipase	^c 6	U/L
Creatine Kinase	95	U/L
Hemolysis Index	^d N	
Lipemia Index	^e N	

a



800-872-1001

Helping Hands Monkey for Disabled
ANTECH Acct No. 180126

Accession No. NYAV00145625
Received 04/24/2016
Reported 04/24/2016 05:23 AM

Doctor POLING

Owner	Pet Name	Species	Breed	Sex	Pet Age	Chart#
HELPING HANDS	DAISY	Primate	Capuchin	SF	24Y	N

Superchem				Complete Blood Count			
Tests	Results	Ref. Range	Units	Tests	Results	Ref. Range	Units
Total Protein	7.3 (HIGH)	5.0-7.0	g/dL	WBC	5.7 (LOW)	8.0-16.0	10 ³ /μL
Albumin	4.6 (HIGH)	2.4-3.3	g/dL	RBC	5.6	5.50-8.50	10 ⁶ /μL
Globulin	2.7	2.0-4.0	g/dL	Hemoglobin	13.8 (LOW)	14.5-17.0	g/dL
A/G Ratio	1.7 (HIGH)	0.5-1.0	Ratio	Hematocrit	44	38.0-50.0	%
AST (SGOT)	24	10-100	U/L	MCV	79	65-80	fL
ALT (SGPT)	33	10-100	U/L	MCH	24.6	23.0-26.0	pg
Alk Phosphatase	114	100-250	U/L	MCHC	31.4 (LOW)	32.0-35.0	g/dL
GGTP	52 (HIGH)	1-25	U/L	Blood Parasites	None Seen		
Result verified.				RBC Comment			
Total Bilirubin	0.1	0.0-1.0	mg/dL	RBC Morphology Normal			
Urea Nitrogen	16	10-22	mg/dL	Platelet Count	418		10 ³ /μL
Creatinine	0.6	0.1-2.0	mg/dL	Platelet EST	Adequate		
BUN/Creatinine Ratio	27		Ratio	Differential	Absolute	%	
Phosphorus	5.7 (HIGH)	3.0-5.5	mg/dL	Neutrophils (LOW)	2622	46	4800-12000 /uL
Glucose	73	70-120	mg/dL	Bands	0	0	/uL
Calcium	10.0	7.2-11.5	mg/dL	Lymphocytes	2736	48	1600-4800 /uL
Magnesium	1.8		mEq/L	Monocytes	228	4	0-480 /uL
Sodium	153 (HIGH)	138-150	mEq/L	Eosinophils	114	2	80-800 /uL
Potassium	3.6	3.5-5.5	mEq/L	Basophils	0	0	/uL
Na/K Ratio	43			Comment			
Chloride	115	109-115	mEq/L	Blood smear reviewed by technologist.			
Cholesterol	196	100-200	mg/dL				
Triglycerides	72	28-109	mg/dL				
Amylase	65 (LOW)	1000-2500	U/L				
PrecisionPSL™	12		U/L				
CPK	81 (LOW)	100-400	U/L				
Comment							
Hemolysis 1+ No significant interference.							

ANTECH[®]

D I A G N O S T I C S

800-872-1001

Helping Hands Monkey for Disabled
ANTECH Acct No. 180126

Accession No. **NYAB84209372**
Received 03/17/2013
Reported 03/17/2013 06:34 AM

Doctor POLING

Owner HELPING HANDS	Pet Name DAISY	Species Breed Primate(Monkey)	Sex SF	Pet Age 22Y	Chart#
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Superchem				CBC			
Tests	Results	Ref. Range	Units	Tests	Results	Ref. Range	Units
Total Protein	5.7 (LOW)	7.8-9.6	g/dL	WBC	7.5	5.5-19.0	10 ³ /μL
Albumin	3.6	3.1-5.3	g/dL	RBC	5.21	4.90-6.20	10 ⁶ /μL
Globulin	2.1		g/dL	Hemoglobin	12.7	10.7-14.0	g/dL
A/G Ratio	1.7		Ratio	Hematocrit	39.0	34.0-43.0	%
AST (SGOT)	34 (HIGH)	14-30	U/L	MCV	75		fL
ALT (SGPT)	45	0-82	U/L	MCH	24.4		pg
Alk Phosphatase	101	100-277	U/L	MCHC	32.6		g/dL
GGTP	45		U/L	Blood Parasites	None Seen		
Result verified.				Platelet Count	450		10 ³ /μL
Total Bilirubin	0.1	0-3.7	mg/dL	Platelet EST	Adequate		
Urea Nitrogen	17	8-20	mg/dL	Differential	Absolute	%	
Creatinine	0.6 (LOW)	0.8-2.3	mg/dL	Neutrophils	4050	54	/uL
BUN/Creatinine Ratio	28		Ratio	Bands	0	0	/uL
Phosphorus	6.4	3.5-6.5	mg/dL	Lymphocytes	2775	37	/uL
Glucose	63 (LOW)	84-131	mg/dL	Monocytes	225	3	/uL
Calcium	9.6	9.0-11.8	mg/dL	Eosinophils	375	5	/uL
Magnesium	1.8		mEq/L	Basophils	75	1	/uL
Sodium	157	142-160	mEq/L				
Potassium	3.9 (LOW)	4.1-5.3	mEq/L				
Na/K Ratio	40						
Chloride	124 (HIGH)	97-113	mEq/L				
Cholesterol	167	97-186	mg/dL				
Triglycerides	79		mg/dL				
Amylase	58		U/L				
Lipase	17		U/L				
CPK	187		U/L				
Comment							
Hemolysis 1+ No significant interference.							



800-872-1001

Helping Hands Monkey for Disabled
ANTECH Acct No. 180126

Accession No. NYAB42252951
Received 01/15/2012
Reported 01/15/2012 05:16 AM

Doctor POLING

Owner	Pet Name	Species	Breed	Sex	Pet Age	Chart#
HELPING HANDS	DAISY	Primate(Monkey)		SF	N/A	

Superchem				CBC			
Tests	Results	Ref. Range	Units	Tests	Results	Ref. Range	Units
Total Protein	6.3 (LOW)	7.8-9.6	g/dL	WBC	6.1	5.5-19.0	10 ³ /μL
Albumin	4.1	3.1-5.3	g/dL	RBC	5.31	4.90-6.20	10 ⁶ /μL
Globulin	2.2		g/dL	Hemoglobin	13.4	10.7-14.0	g/dL
Albumin/Globulin Ratio	1.9		Ratio	Hematocrit	41.6	34.0-43.0	%
AST (SGOT)	27	14-30	U/L	MCV	78		fL
ALT (SGPT)	27	0-82	U/L	MCH	25.2		pg
Alk Phosphatase	85 (LOW)	100-277	U/L	MCHC	32.2		g/dL
GGTP	42		U/L	Blood Parasites	None Seen		
Total Bilirubin	0.1	0-3.7	mg/dL	Platelet Count	472		10 ³ /μL
Urea Nitrogen	17	8-20	mg/dL	Platelet EST	Adequate		
Creatinine	0.6 (LOW)	0.8-2.3	mg/dL	Differential	Absolute	%	
BUN/Creatinine Ratio	28		Ratio	Neutrophils	2440	40	/uL
Phosphorus	4.9	3.5-6.5	mg/dL	Bands	0	0	/uL
Glucose	64 (LOW)	84-131	mg/dL	Lymphocytes	3050	50	/uL
Calcium	9.8	9.0-11.8	mg/dL	Monocytes	122	2	/uL
Magnesium	1.6		mEq/L	Eosinophils	488	8	/uL
Sodium	154	142-160	mEq/L	Basophils	0	0	/uL
Potassium	4.1	4.1-5.3	mEq/L				
Na/K Ratio	38						
Chloride	114 (HIGH)	97-113	mEq/L				
Cholesterol	170	97-186	mg/dL				
Triglycerides	69		mg/dL				
Amylase	138		U/L				
Lipase	23		U/L				
CPK	133		U/L				

ANTECH DIAGNOSTICS

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Commack Animal Hospital

3095 Jericho Tpk
E Northport, NY 11731 USA
Tel: 631-499-6622
Fax: 631-499-1082

Client # 1005
Chart # 6051

Accession No. NYAB06004052	Doctor PETTIT	Owner CASE	Pet Name DAISY	Received 12/03/2010
Species Primate(Monkey)	Breed	Sex SF	Pet Age 19Y	Reported 12/03/2010 05:14 AM
Test Requested	Results	Reference Range	Units	
SUPERCHEM				
Total Protein	6.6 (LOW)	7.8-9.6	g/dL	
Albumin	4.2	3.1-5.3	g/dL	
Globulin	2.4		g/dL	
Albumin/Globulin Ratio	1.8		Ratio	
AST (SGOT)	32 (HIGH)	14-30	U/L	
ALT (SGPT)	27	0-82	U/L	
Alkaline Phosphatase	135	100-277	U/L	
GGTP	80		U/L	
Total Bilirubin	0.1	0-3.7	mg/dL	
Urea Nitrogen	17	8-20	mg/dL	
Creatinine	0.7 (LOW)	0.8-2.3	mg/dL	
BUN/Creatinine Ratio	24		Ratio	
Phosphorus	3.9	3.5-6.5	mg/dL	
Glucose	101	84-131	mg/dL	
Calcium	8.9 (LOW)	9.0-11.8	mg/dL	
Magnesium	1.8		mEq/L	
Sodium	148	142-160	mEq/L	
Potassium	3.6 (LOW)	4.1-5.3	mEq/L	
Na/K Ratio	41			
Chloride	114 (HIGH)	97-113	mEq/L	
Cholesterol	178	97-186	mg/dL	
Triglycerides	70		mg/dL	
Amylase	80		U/L	
Lipase	36		U/L	
CPK	495		U/L	
CBC				
Hemoglobin	14.4 (HIGH)	10.7-14.0	g/dL	
Hematocrit	43.4 (HIGH)	34.0-43.0	%	
WBC	5.7	5.5-19.0	10 ³ /μL	
RBC	6.07	4.90-6.20	10 ⁶ /μL	
MCV	71		fL	
MCH	23.7		pg	
MCHC	33.2		g/dL	
Platelet Count	512		10 ³ /μL	
Platelet Estimate	Increased			
Differential	Absolute	%		
Neutrophils	3420	60		
Bands	0	0		
Lymphocytes	1938	34		

2000年12月29日，在“2000年中国城市竞争力”会议上，中国城市竞争力研究会发布了《2000年中国城市竞争力报告》。该报告指出，中国城市竞争力在2000年有所提高，主要表现在以下几个方面：

1991
 1992

ANTECH DIAGNOSTICS

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Helping Hands Monkey for Disabled

541 Cambridge St
 Boston, MA 02134
 Tel: 617-787-4419
 Fax: 617-787-5665

Client # 180126
 Chart #

Accession No. NYAA65977986	Doctor GRAHAM	Owner HELPING HANDS	Pet Name DAISY	Received 08/20/2009
Species Primate(Monkey)	Breed	Sex SF	Pet Age 18Y	Reported 08/20/2009 06:58 AM

Test Requested	Results	Reference Range	Units
SUPERCHEM			
Total Protein	6.7 (LOW)	7.8-9.6	g/dL
Albumin	4.3	3.1-5.3	g/dL
Globulin	2.4		g/dL
Albumin/Globulin Ratio	1.8		RATIO
AST (SGOT)	49 (HIGH)	14-30	U/L
ALT (SGPT)	43	0-82	U/L
Alkaline Phosphatase	118	100-277	U/L
GGTP	73		U/L
Total Bilirubin	0.1	0-3.7	mg/dL
Urea Nitrogen	28 (HIGH)	8-20	mg/dL
Creatinine	0.6 (LOW)	0.8-2.3	mg/dL
BUN/Creatinine Ratio	47		RATIO
Phosphorus	4.7	3.5-6.5	mg/dL
Glucose	106	84-131	mg/dL
Calcium	8.9 (LOW)	9.0-11.8	mg/dL
Magnesium	2.2		mEq/L
Sodium	147	142-160	mEq/L
Potassium	3.8 (LOW)	4.1-5.3	mEq/L
Na/K Ratio	39		
Chloride	115 (HIGH)	97-113	mEq/L
Cholesterol	178	97-186	mg/dL
Triglycerides	144		mg/dL
Amylase	73		U/L
Lipase	20		U/L
CPK	543		U/L
COMPLETE BLOOD COUNT			
Hemoglobin	13.3	10.7-14.0	g/dL
Hematocrit	40.0	34.0-43.0	%
WBC	5.5	5.5-19.0	10 ³ /μL
RBC	5.30	4.90-6.20	10 ⁶ /μL
MCV	75		fl
MCH	25.1		pg
MCHC	33.3		g/dl
Platelet Count	445		10 ³ /μL
Platelet Estimate	Adequate		
Differential	Absolute	%	
Neutrophils	2750	50	
Bands	0	0	
Lymphocytes	2145	39	

Accession No.
NYAA65977986

G. HAM

Owner
HELPING HANDSPet
DAISY

Test Requested	Results	Reference Range	Units
Monocytes	165	3	
Eosinophils	385	7	
Basophils	55	1	



ANTECH DIAGNOSTICS

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Helping Hands Monkey for Disabled

541 Cambridge St
 Boston, MA 02134
 Tel: 617-787-4419
 Fax: 617-787-5665

Client # 180126

Chart #

Accession No.	Doctor	Owner	Pet Name	Received
NYAA46573436	GRAHAM	HELPING HANDS	DAISY	01/22/2009
Species	Breed	Sex	Pet Age	Reported
Primate(Monkey)		SF	18Y	01/22/2009 06:06 AM

Test Requested	Results	Reference Range	Units
SUPERCHEM			
Glucose	147 (HIGH)	84-131	mg/dL
Urea Nitrogen	25 (HIGH)	8-20	mg/dL
Creatinine	0.6 (LOW)	0.8-2.3	mg/dL
Total Protein	6.2 (LOW)	7.8-9.6	g/dL
Albumin	3.8	3.1-5.3	g/DL
Total Bilirubin	0.1	0-3.7	mg/dL
Alkaline Phosphatase	116	100-277	U/L
ALT (SGPT)	33	0-82	U/L
AST (SGOT)	35 (HIGH)	14-30	U/L
Cholesterol	180	97-186	mg/dL
Calcium	8.5 (LOW)	9.0-11.8	mg/dL
Phosphorus	5.6	3.5-6.5	mg/dL
Sodium	153	142-160	mEq/L
Potassium	3.7 (LOW)	4.1-5.3	mEq/L
Chloride	119 (HIGH)	97-113	mEq/L
Albumin/Globulin Ratio	1.6		RATIO
BUN/Creatinine Ratio	42		RATIO
Globulin	2.4		g/dL
Lipase	18		U/L
Amylase	64		U/L
Triglycerides	147		mg/dL
CPK	93		U/L
GGTP	46		U/L
Magnesium	1.8		mEq/L
COMPLETE BLOOD COUNT			
Hemoglobin	13.5	10.7-14.0	g/dL
Hematocrit	43.7 (HIGH)	34.0-43.0	%
WBC	6.9	5.5-19.0	10 ³ /μL
RBC	5.52	4.90-6.20	10 ⁶ /μL
MCV	79		fl
MCH	24.5		pg
MCHC	30.9		g/dl
Platelet Count	528		10 ³ /μL
Platelet Estimate	Increased		
Differential	Absolute	%	
Neutrophils	3105	45	
Bands	0	0	
Lymphocytes	3036	44	
Monocytes	276	4	

DAISY 0.7 cc Amoxicillin 2x/day

Treatment Sheet for Diabetic Monkey

Name:

DAY	DATE	Before Breakfast BG/Insulin	Before AM Snack BG 10am	Before Lunch BG/Insulin	Before PM Snack BG 2:30pm	Before Dinner BG/Insulin	Bedtime BG 7pm	Urine testing (abnormals only)	Bath/Weight
THURS	8/14/08								
FRI	8/15	AP				AP			
SAT	8/16	AP				AP			
SUN	8/17	AP				AP			
MON	8/18	AP				AP			
TUES	8/19	NL				NL			
WED	8/20	NL				NL			
THURS	8/21	AP				AP			
FRI	8/22	AP				AP			
SAT	8/23	NL				NL			
SUN	8/24	NL				NL			
MON	8/25	NL				NL			
TUES	8/26	NL				NL			
WED	8/27	NL				NL			
THURS	8/28	NL				NL			

✱

Dy124

✱

0.1cc Amoxicillin

3x/day

ANTECH DIAGNOSTICS 1111 Marcus Avenue Lake Success NY 11042 Phone: 800-872-1001

Helping Hands Monkey for Disabled

541 Cambridge St
Boston, MA 02134
Tel: 617-787-4419
Fax: 617-787-5665

Client # 180126
Chart #

Accession No. NYAA34145796	Doctor GRAHAM	Owner HELPING HANDS	Pet Name DAISY	Received 08/28/2008
Species Primate(Monkey)	Breed	Sex SF	Pet Age 17Y	Reported 08/28/2008 06:48 AM

Test Requested	Results	Reference Range	Units
SUPERCHEM			
Glucose	124	84-131	mg/dL
Urea Nitrogen	27 (HIGH)	8-20	mg/dL
Creatinine	0.6 (LOW)	0.8-2.3	mg/dL
Total Protein	6.3 (LOW)	7.8-9.6	g/dL
Albumin	3.9	3.1-5.3	g/dL
Total Bilirubin	0.1	0-3.7	mg/dL
Alkaline Phosphatase	98 (LOW)	100-277	U/L
ALT (SGPT)	27	0-82	U/L
AST (SGOT)	25	14-30	U/L
Cholesterol	173	97-186	mg/dL
Calcium	8.9 (LOW)	9.0-11.8	mg/dL
Phosphorus	6.3	3.5-6.5	mg/dL
Sodium	149	142-160	mEq/L
Potassium	3.9 (LOW)	4.1-5.3	mEq/L
Chloride	116 (HIGH)	97-113	mEq/L
Albumin/Globulin Ratio	1.6		RATIO
BUN/Creatinine Ratio	45		RATIO
Globulin	2.4		g/dL
Lipase	23		U/L
Amylase	67		U/L
Triglycerides	72		mg/dL
CPK	126		U/L
GGTP	44		U/L
Magnesium	2.1		mEq/L
COMPLETE BLOOD COUNT			
Hemoglobin	13.2	10.7-14.0	g/dL
Hematocrit	41.7	34.0-43.0	%
WBC	5.9	5.5-19.0	10 ³ /μL
RBC	5.23	4.90-6.20	10 ⁶ /μL
MCV	80		fl
MCH	25.2		pg
MCHC	31.7		g/dl
Platelet Count	530		10 ³ /μL
Platelet Estimate	Increased		
Differential			
	Absolute	%	
Neutrophils	2832	48	
Bands	0	0	
Lymphocytes	2419	41	
Monocytes	177	3	
Eosinophils	413	7	
Basophils	59	1	

01/12/07 07:58 ET 2587

2-ZOAS

FR:ZOASIS 3103145242 TO: 6175227356/NY3580

NY35808839 NY35808848 NY3580 Pg 4/10

ANTECH DIAGNOSTICS 1111 Marcus Avenue Lake Success NY 11042 Phone: 800-872-1001

Angell Animal Medical Center
350 S Huntington Ave
Boston, MA 02130
Tel: 617-541-5014
Fax: 617-522-7356

Client # 2587
Chart # 539623

Daisy

Accession No. NY35808848	Doctor GRAHAM	Owner TALBERT	Pet Name 539623	Received 01/12/2007
Species Primate(Monkey)	Breed	Sex SF	Pet Age 15Y	Reported 01/12/2007 07:41 AM

Test Requested	Results	Reference Range	Units
SUPERCHEM			
Glucose	113	84-131	mg/dL
Urea Nitrogen	26 (HIGH)	8-20	mg/dL
Creatinine	0.6 (LOW)	0.8-2.3	mg/dL
Total Protein	5.6 (LOW)	7.8-9.6	g/dL
Albumin	3.5	3.1-5.3	g/dL
Total Bilirubin	0.1	0-3.7	mg/dL
Alkaline Phosphatase	97 (LOW)	100-277	U/L
ALT (SGPT)	39	0-82	U/L
AST (SGOT)	34 (HIGH)	14-30	U/L
Cholesterol	169	97-186	mg/dL
Calcium	8.5 (LOW)	9.0-11.8	mg/dL
Phosphorus	5.4	3.5-6.5	mg/dL
Sodium	149	142-160	mEq/L
Potassium	4.0 (LOW)	4.1-5.3	mEq/L
Chloride	117 (HIGH)	97-113	mEq/L
Albumin/Globulin Ratio	1.7		RATIO
BUN/Creatinine Ratio	43		RATIO
Globulin	2.1		g/dL
Lipase	29		U/L
Amylase	62		U/L
Triglycerides	119		mg/dL
CPK	110		U/L
GGTP	38		U/L
Magnesium	1.8		mEq/L
COMPLETE BLOOD COUNT			
Hemoglobin	12.9	10.7-14.0	g/dL
Hematocrit	40.6	34.0-43.0	%
WBC	6.6	5.5-19.0	$10^3/\mu\text{L}$
RBC	5.38	4.90-6.20	$10^6/\mu\text{L}$
MCV	75		fL
MCH	24.0		pg
MCHC	31.8		g/dL
Platelet Count	453		$10^3/\mu\text{L}$
Platelet Estimate	Adequate		
Differential	Absolute	%	
Neutrophils	2840	40	
Bands	0	0	
Lymphocytes	3036	46	
Monocytes	198	3	
Eosinophils	726	11	
Basophils	0	0	

Daisy

Superchem

Glucose	89	84-131 mg/dL		
Creatinine	0.7	0.8-2.3 mg/dL	LOW	
Total Protein	7.3	7.8-9.8 g/dL	LOW	
Albumin	4.4	3.1-5.3 g/dL		
Total Bilirubin	0.1	0-3.7 mg/dL		
Alkaline Phosphatase	192	100-277 U/L		
ALT (SGPT)	32	0-82 U/L		
AST (SGOT)	22	14-30 U/L		
Cholesterol	174	97-186 mg/dL		
Calcium	9.9	9.0-11.8 mg/dL	LOW	
Phosphorus	3.9	3.5-6.5 mg/dL		
Sodium	142	142-160 mEq/L		
Potassium	3.6	4.1-5.9 mEq/L	LOW	
Chloride	108	97-113 mEq/L		
Albumin/Globulin Ratio	1.5			
BUN/Creatinine Ratio	33			
Globulin	2.9			
Lipase	4			
Amylase	387			
Triglycerides	101			
CPK	304			
GGTP	102			
Magnesium	1.6			

Complete Blood Count

Hematocrit	40.0	34.0-43.0 %		
WBC	4.5	5.5-18.0 10 ³ /μL	LOW	

Trial	Control (n=10)	MCI (n=10)	AD (n=10)
1	85	75	65
2	85	75	65
3	85	70	60
4	85	70	55
5	85	65	55

Trial	Control	MCI	AD
1	85	75	65
2	88	78	68
3	90	80	70
4	92	82	72
5	95	85	75

Species : Monkey
 Patient : 8683
 Client : DAISY HELPING HANDS

Ver: 7.5A Req ID: 3450
 Date : 15-Oct -2004 12:51PM

Test	Results	Reference Range	Indicator		
			LOW	NORMAL	HIGH
ALB	= 3.76 g/dl	2.80 - 4.40			
ALKP	= 55 U/L	73 - 210			
ALT	= 27 U/L	20 - 120			
AMYL	= 358 U/L	149 - 500			
BUN	= 17.5 mg/dl	7.0 - 25.0			
Ca	= 9.61 mg/dl	8.30 - 10.10			
CHOL	= 154.9 mg/dl	73.0 - 179.0			
CREA	= 0.83 mg/dl	0.40 - 1.20			
GLU	= 172.0 mg/dl	50.0 - 100.0			
PHOS	= 7.67 mg/dl	2.40 - 6.50			
TBIL	< 0.10 mg/dl	0.10 - 0.60			
TP	= 6.20 g/dl	5.90 - 7.60			
GLOB	= 2.44 g/dl				
Na	= 163.8 mmol/l	139.0 - 158.0			
K	= 4.02 mmol/l	2.70 - 4.60			
Cl	= 127.0 mmol/l	98.0 - 111.0			

HH Daisy

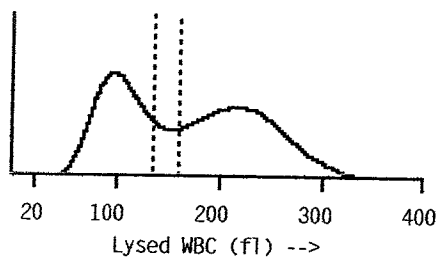
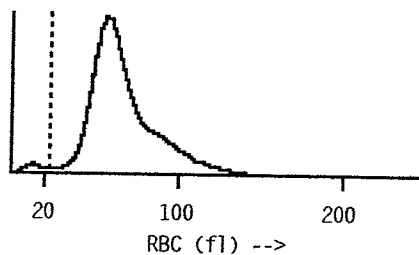
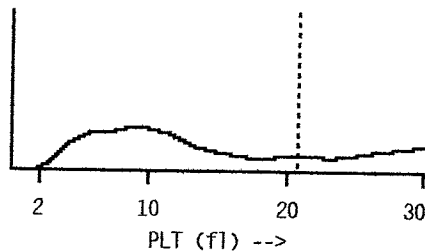
HESKA CBC-Diff
Veterinary Hematology System

ID = 4683
SEQ = 482
DATE= 10/15/2004 12:57
MONKEY OT
Normal ranges

WBC = H	10.2	$10^3/\text{ul}$	3.5 :	10.0
LYMF=	4.1	$10^3/\text{ul}$	0.5 :	5.0
GRAN=	5.2	$10^3/\text{ul}$	1.2 :	8.0
MID =	0.9	$10^3/\text{ul}$	0.1 :	1.5
LYMF=	40.3	%	15.0 :	50.0
GRAN=	51.5	%	35.0 :	80.0
MID =	8.2	%	2.0 :	15.0

HCT =	42.9	%	35.0 :	55.0
MCV = L	66.0	f1	75.0 :	100.0
RBC = H	6.50	$10^6/\text{ul}$	3.50 :	5.50
HGB =	14.9	g/dl	11.5 :	16.5
MCH = L	22.9	pg	25.0 :	35.0
MCHC=	34.8	g/dl	31.0 :	38.0
RDW%= L	10.1	%	11.0 :	16.0

MPV =	10.0	f1	8.0 :	11.0
PLT =	238	$10^3/\text{ul}$	100 :	400



CONFIDENTIAL! If you are not the intended recipient or the person responsible for delivering this to the intended recipient, please don't copy this report. If this transmission was received in error, please call -- (800)222-5835.
 Marshfield Laboratories 1000 N. Oak Avenue, Marshfield WI 54449

 Name: HH, PRIMATE DAISY ID #: 2448096CA
 Species: OTHER Accn#: 81342306
 Age: 15 years DOB: 01/01/1989
 Patient Location: AHCINC Gender: Female

Requesting physician: ANIMAL HEALTH CENTER, INC R4268R
 ATTN: LABORATORY
 2245 PROVIDENCE HWY
 WALPOLE MA 02081

DENISE TRAPANI DVM

FLAG - TEST ----- RESULTS -- UNITS --- REF RANGE --

T4, Total (VT4) Collection: 10/15/04 00:00
 T4-VET

2.7 ug/dL

T3 Assay (VT3A) Collection: 10/15/04 00:00
 T3-A

57 ng/dL

Thyroxine, Free, by ED, SO (VFT4) Collection: 10/15/04 00:00
 Free-T4

21 pmol/L

Sent to Cornell University
 Sent to Cornell University

Helping Hands

MONKEY HELPERS FOR THE DISABLED

Weekly Monitoring Log Sheet

MONKEY: *Daisy*

ID NUMBER:

Date	Bisc/Day	Time	Urine Values				Additional Foods
			GLU	KET	PROT	BLD	
3/23/01	~ 35	1 pm	neg	neg	neg	neg	

8/31/01 11:15am neg neg neg neg pH 7 AA neg

Date	Bisc/Day	Time	Urine Values				Additional Foods
			GLU	KET	PROT	BLD	
12/5/01		2:05pm	neg	neg	neg	neg	pH 7 AA ++
2/12/02		12:30pm	neg	neg	neg	neg	pH 6 AA trace
5/14/02		5 pm	neg	neg	neg	neg	pH 6 AA neg
10/15/02		1:15pm	trace	neg	neg	neg	pH 7 AA neg

Date	Bisc/Day	Time	Urine Values				Additional Foods
			GLU	KET	PROT	BLD	
12/6/02		2:45pm	neg	neg	neg	neg	pH 6-7 AA neg
3/19/03		4 pm	neg	neg	neg	neg	pH 5 AA neg
7/2/03		5 pm	neg	neg	neg	neg	pH 6 AA neg

10/4/03 4:15 pm neg neg neg neg pH 7 AA trace nitrite trace-
 3/7/04 2 pm neg neg neg neg pH 7 AA neg nitrite trace

Date	Bisc/Day	Time	Urine Values				Additional Foods
			GLU	KET	PROT	BLD	
7/6/04		3:45pm	neg	neg	neg	neg	pH 7 AA neg
11/19/04		6:30pm	neg	neg	neg	neg	pH 7 AA neg

Date	Bisc/Day	Time	Urine Values				Additional Foods
			GLU	KET	PROT	BLD	

www.helpinghandsmonkeys.org

541 Cambridge Street • Boston, Massachusetts 02134 • (617) 787-4419 • (617) 787-5665 Fax

Helping Hands, a national not-for-profit corporation, breeds, raises, and trains capuchin monkeys to assist severely disabled individuals with their daily activities. We are committed to providing the highest quality of life for each monkey and his or her companion during their many years together. Close monitoring of our monkeys' behavioral, nutritional, and veterinary needs has also enabled us to contribute to the welfare of capuchin monkeys everywhere. Helping Hands also offers an educational program for schools, camps and youth organizations that teaches children about spinal cord injury prevention, disability awareness and the human animal bond. Relying primarily on private contributions, Helping Hands provides these affectionate, responsive companions and life-time support free of charge. Helping Hands is an affiliate of Boston University School of Medicine.

Patient:
NONE GIVEN,NONE GIVEN

ANTECH DIAGNOSTICS
10 EXECUTIVE BLVD.
FARMINGDALE NY 11735

Client: 1131465
LEE'S VETERINARY HOSPITAL
2126 2ND AVE NW
CULLMAN, AL 35055

Chart:

Doctor: NS

Acn #: XA2626911
Age/Dob: NS,

Sex: F,M

Collected: 08/20/98
NO TIME

Reported: 08/21/98
1:00 PM EDT

TESTS	RESULTS	REFERENCE RANGE
FRUCTOSAMINE SUPERCHEM/CBC SUPERCHEM	186.0	MICROMOLES/L
GLUCOSE	105	MG/DL 84-131
UREA NITROGEN	23 (H)	MG/DL 8-20
CREATININE	1.3	MG/DL 0.8-2.3
TOTAL PROTEIN	6.0 (L)	G/DL 7.8-9.6
ALBUMIN	4.0	G/DL 3.1-5.3
BILIRUBIN, TOTAL	0.1	MG/DL 0-3.7
ALKALINE PHOSPHATASE	51 (L)	U/L 100-277
ALT(SGPT)	137 (H)	U/L 0-02
AST(SGOT)	69 (H)	U/L 14-30
CHOLESTEROL	174	MG/DL 97-186
CALCIUM	9.5	MG/DL 9.0-11.8
PHOSPHOROUS	7.0 (H)	MG/DL 3.5-6.5
SODIUM	136 (L)	MEQ/L 142-160
POTASSIUM	7.7 (H)	MEQ/L 1.1-1.7
CHLORIDE	100	MEQ/L 97-117
BUN/CREATININE	18	RATIO
GLUBULIN	2.0	G/DL
LIPASE	11	U/L
AMYLASE	84	U/L
TRIGLYCERIDES	33	MG/DL
CPK	1994	U/L
GGTP	77	U/L
MAGNESIUM	2.1	MEQ/L
OSMOLALITY,CALCULATED	273	MOSM/L
COMPLETE BLOOD COUNT		
HEMOGLOBIN	12.8	G/DL 10.7-14.0
HEMATOCRIT	43.9 (H)	% 34.0-43.0
WBC	6.7	THDS/CMM 5.5-19.0
RBC	5.46	MILL/CMM 4.90-6.20
MCV	80	
MCH	23.4	
MCHC	29.2	
PLATELET EST	MODERATE INCREASE	
	ABSOLUTE	PERCENTAGE
ABSOLUTE POLYS	4020	60%

REPORT CONTINUED ON NEXT FORM

CONTINUED REPORT

Patient:
NONE GIVEN,NONE GIVEN

ANTECH DIAGNOSTICS
18 EXECUTIVE BLVD.
FARMINGDALE NY 11735

Client: 1131465
LEE'S VETERINARY HOSPITAL
2126 2ND AVE NW
CULLMAN, AL 35055

Chart:

Doctor: NS

Acn #:	Age/Dob:	Sex:	Collected:	Reported:
XA2626911	NS,	F,M	08/20/98 NO TIME	08/20/98 8:12 AM EDT

TESTS	RESULTS	REFERENCE RANGE
ABSOLUTE BANDS	0	0%
ABSOLUTE LYMPHS	2278	34%
ABSOLUTE MONOS	482	6%
ABSOLUTE EOS	0	0%
ABSOLUTE BASOS	0	0%

PARTIAL REPORT - FINAL TO FOLLOW

Patient:
NONE GIVEN,NONE GIVEN

ANTECH DIAGNOSTICS
10 EXECUTIVE BLVD.
FARMINGDALE NY 11735

Client: 1131465
LEE'S VETERINARY HOSPITAL
2126 2ND AVE NW
CULLMAN, AL 35055

Chart:

Doctor: NS

Acn #: XA2626911
Age/Dob: NS,

Sex:
F,M

Collected:
08/20/98
NO TIME

Reported:
08/20/98
8:12 AM EDT

TESTS	RESULTS	REFERENCE RANGE
FRUCTOSAMINE	PENDING	
SUPERCHEM/CBC		
SUPERCHEM		

GLUCOSE	105	MG/DL	84-131
UREA NITROGEN	23 (H)	MG/DL	8-20
CREATININE	1.3	MG/DL	0.8-2.3
TOTAL PROTEIN	6.0 (L)	G/DL	7.8-9.6
ALBUMIN	4.0	G/DL	3.1-5.3
BILIRUBIN, TOTAL	0.1	MG/DL	0-3.7
ALKALINE PHOSPHATASE	51 (L)	U/L	100-277
ALT(SGPT)	137 (H)	U/L	0-82
AST(SGOT)	69 (H)	U/L	14-30
CHOLESTEROL	174	MG/DL	97-186
CALCIUM	9.5	MG/DL	9.0-11.8
PHOSPHOROUS	7.0 (H)	MG/DL	3.5-6.5
SODIUM	136 (L)	MEQ/L	142-160
POTASSIUM	3.3 (L)	MEQ/L	4.1-5.3
CHLORIDE	106	MEQ/L	97-113
A/G	2.0	RATIO	
BUN/CREATININE	18	RATIO	
GLOBULIN	2.0	G/DL	
LIPASE	11	U/L	
AMYLASE	84	U/L	
TRIGLYCERIDES	33	MG/DL	
CPK	1994	U/L	
GGTP	77	U/L	
MAGNESIUM	2.1	MEQ/L	
OSMOLALITY,CALCULATED	273	MOSM/L	
COMPLETE BLOOD COUNT			
HEMOGLOBIN	12.8	G/DL	10.7-14.8
HEMATOCRIT	43.9 (H)	%	34.0-43.8
WBC	6.7	THDS/CMM	5.5-19.8
RBC	5.46	MILL/CMM	4.90-6.20
MCV	88		
MCH	23.4		
MCHC	29.2		
PLATELET EST.	MODERATE INCREASE		
	ABSOLUTE	PERCENTAGE	
ABSOLUTE POLYS	4020	60%	

REPORT CONTINUED ON NEXT FORM



New York Offices
10 Executive Blvd.
Farmingdale, NY 11735
516-753-4100
800-872-1001
800-VRA-STAT



Florida Offices
1081 N.W. 53rd St.
Ft. Lauderdale, FL 33309
305-491-0607
800-252-2838

ANIMAL ID

HELPINGHANDS, DAISEY

AGE

SEX

SPECIES

TELEPHONE NO.

ROUTE

REQUESTED BY

THE ANIMAL CARE CENTER
678 BROOKLINE AVENUE
BROOKLINE, MA 02146

COLLECTION DATE

ACCESSION DATE

REPORT DATE

ACCOUNT NO.

ACCESSION NUMBER

TEST NAME

WITHIN RANGE

OUTSIDE RANGE

UNITS

REFERENCE RANGE

GIARDIA, ELISA

NEG

*** FINAL REPORT ***

03/22/95 5:32AM



SARAH BUSH LINCOLN HEALTH CENTER (217) 258-2525
1000 HEALTH CENTER DRIVE MATTOON, ILLINOIS 61938

PATIENT: DUNNING, DAISY M. "MONK"

RL - F 003Y DOB: 1/01/91
HT: 0 FT IN (.0 CM) WT: LB OZ (.00 KG)
ATTEND DR: PHYSICIANS NONAFFILI

ADM #: 882718 MED REC #: 50001657

ORDER DR: PHYSICIANS NONAFFILI

ORDER #: 1947747 ROUTIN 1

TO: LAB FRONT FROM: LAB SESSI
DATE: 6/14/94 TIME: 12:10 CLERK: PWLB

SPECIMEN DATE 6/14/94 TIME

517-5015 C B C

TECH.- OFC

WBC: 7.9	3.6-11.2	RBC: 6.07	M: 4.4-5.7 X 1 MIL/ML
	X 1000/ML		F: 3.8-5.0 X 1 MIL/ML
HGB: 14.0	M: 14-17 G/DL	HCT: 41.1	M: 40-50 %
	F: 12-15 G/DL		F: 35-44 %
MCV: 67.6	M: 81-96 FL	MCH: 23.0	27.5-33.8 PG
	F: 81-101 FL		
MCHC: 34.0	33.0-35.0 G/DL	RDW: 12.2	11.1-14.0 %
PLT.CT.: 291	163-403 X 1000/ML	MPV: 10.7	6.8-9.9 FL
DIFFERENTIAL: AUTOMATED: MANUAL: X			
NEUTROPHILS	LYMPHS	MONOS	EOSINOPHILS
36	57	5	2
41.6-75.6%	17.2-47.4%	3.3-12.7%	0.4-5.0%
0			0
BASOPHILS			
0.0-3.9%			
COMMENT:			
TECH: ABG DATE: 061494 TIME: 1020			

DR KERZ

ROOM: - PATIENT: DUNNING, DAISY M. "MONK"

882718 50001657

517-5015 C B C

TEMPORARY ANCILLARY RESULT FORM

TEMPORAR

