

BATINGA AMC Test Report of Hematology Analysis

Hospital Address:SM CITY CDO UPTOWN

Contact number:09061211260

Report No.:2606040001

Medical No.:

Test Time:2026.06.04 08:53:22

Pet Name:Coci

Pet type:Canine

Gender:Male

Age:1 Year

Sample Type:Whole blood

Owner:

Parameters	Result	Reference range	Low	Normal	High
01. WBC (White blood cell count)	14.98 10 ³ /uL	5.05-16.76			
NEU# (Neutrophil count)	11.62 10 ³ /uL	2.95-11.64			
NST# (Band neutrophil count)	1.09 10³/uL↑	0.00-0.80			
NSG# (Segmented neutrophil count)	10.48 10 ³ /uL	2.50-11.30			
NSH# (Hypersegmented neutrophil count)	0.05 10 ³ /uL	0.00-0.40			
LYM# (Lymphocyte count)	0.33 10 ³ /uL↓	1.05-5.10			
SLYM# (Small lymphocyte count)	0.33 10 ³ /uL↓	1.05-5.10			
LLYM# (Large lymphocyte count)	0.00 10 ³ /uL	0.00-0.00			
MON# (Monocyte count)	3.01 10³/uL↑	0.16-1.12			
EOS# (Eosinophil count)	0.00 10³/uL↓	0.06-1.23			
BAS# (Basophil count)	0.01 10 ³ /uL	0.00-0.10			
NEU% (Neutrophil ratio)	77.58 %	52.00-78.00			
NST/WBC% (Band neutrophil ratio)	7.30 %	0.00-10.00			
NST/NEU% (Band neutrophil ratio)	9.41 %	0.00-20.00			
NSG% (Segmented neutrophil ratio)	69.95 %	50.00-75.00			
NSH/WBC% (Hypersegmented neutrophil ratio)	0.33 %	0.00-5.00			
NSH/NEU% (Hypersegmented neutrophil ratio)	0.42 %	0.00-7.00			
LYM% (Lymphocyte ratio)	2.24 %↓	16.00-41.50			
MON% (Monocyte ratio)	20.12 %↑	1.00-13.00			
EOS% (Eosinophil ratio)	0.00 %↓	0.50-11.85			
BAS% (Basophil ratio)	0.07 %	0.00-0.90			
02. RBC (Red blood cell count)	9.57 10⁶/uL↑	5.65-8.87			
HGB (Hemoglobin concentration)	21.44 g/dL↑	13.10-20.50			
HCT (Hematocrit)	64.33 %↑	37.30-61.70			
MCV (Mean red cell volume)	67.25 fL	61.60-73.50			
MCH (Mean Hb per RBC)	22.42 pg	21.20-25.90			
MCHC (Mean Hb conc in RBC)	33.33 g/dL	32.00-37.90			
RDW-CV (RBC dist width-CV)	13.32 %	11.20-17.10			
RDW-SD (RBC dist width-SD)	30.02 fL	25.60-41.60			
HDW-CV (Hb dist width-CV)	15.94 %	7.00-20.00			
HDW-SD (Hb dist width-SD)	0.36 g/dL	0.20-0.80			
RET# (Reticulocyte count)	8.37 10 ³ /uL	3.00-110.00			
RET% (Reticulocyte ratio)	0.09 %	0.00-1.50			
ETG# (Shadow red cell count)	0.00 10 ¹² /L	0.00-0.05			
ETG% (Shadow red cell ratio)	0.00 %	0.00-1.65			
SPH# (Spherocyte count)	0.00 10 ⁹ /L	0.00-130.10			
SPH% (Spherocyte ratio)	0.00 %	0.00-1.54			
ACA# (Acanthocyte count)	0.00 10 ³ /uL	0.00-0.00			
NRBC# (Nucleated red cell count)	0.00 10 ³ /uL	0.00-0.00			
NRBC/WBC% (Nucleated red cell ratio)	0.00 %	0.00-0.00			
AGG# (Agglutinated red cell count)	0.00 10 ³ /uL	0.00-0.15			
03. PLT (Platelet count)	243.51 10 ³ /uL	148.00-484.00			
MPV (Mean platelet volume)	9.88 fL	8.70-13.20			
PDW (Platelet distribution width)	16.25 fL	9.10-19.40			
PCT (Plateletcrit)	0.24 %	0.14-0.46			
APLT# (Aggregated platelet count)	0.00 10 ³ /uL	0.00-0.15			
P-LCC (Large platelet count)	14.61 10 ³ /uL	0.00-66.00			
P-LCR (Large platelet ratio)	6.00 %	0.00-25.00			

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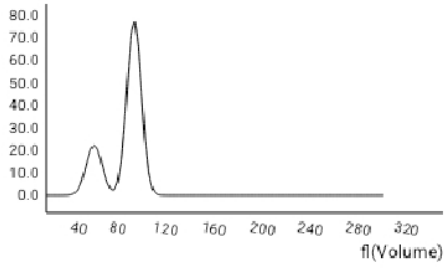
Contact number: 09061211260

Report No.: 2606040001

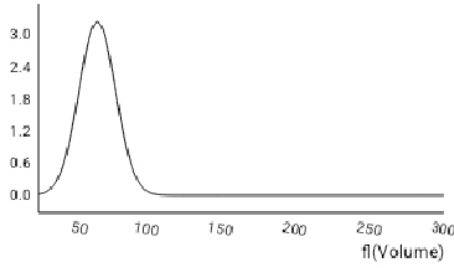
Pet Name: Coci

Pet type: Canine

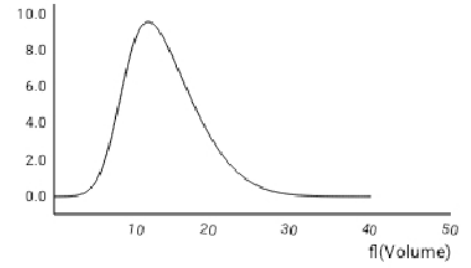
WBC



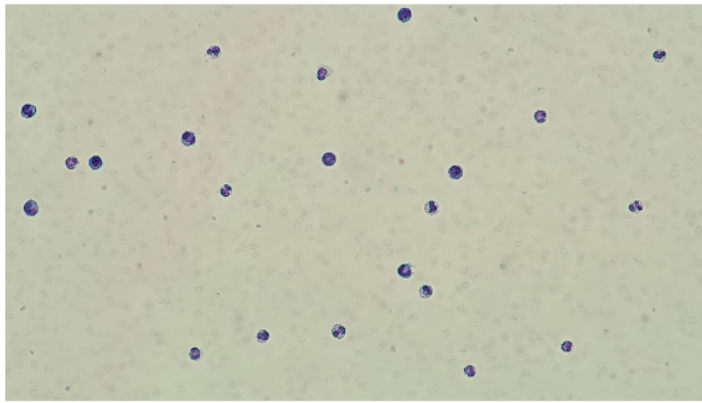
RBC



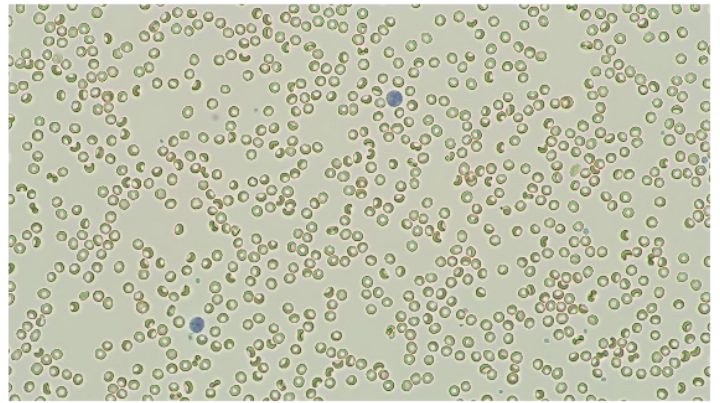
PLT



WBC images



RBC&PLT images



NST# 1.09 10³/uL



STD image Number: 112 sheets/143 images/754 images

NSG# 10.48 10³/uL



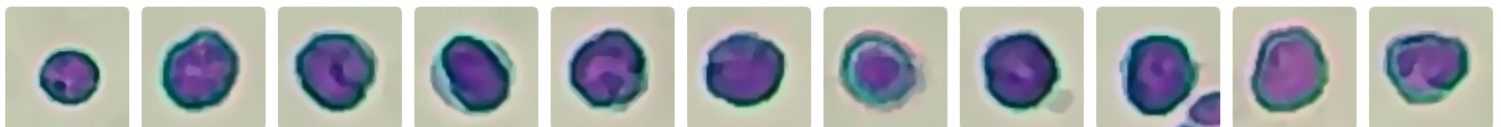
STD image Number: 1092 sheets/143 images/754 images

NSH# 0.05 10³/uL



STD image Number: 5 sheets/143 images/754 images

SLYM# 0.33 10³/uL



STD image Number: 39 sheets/143 images/754 images

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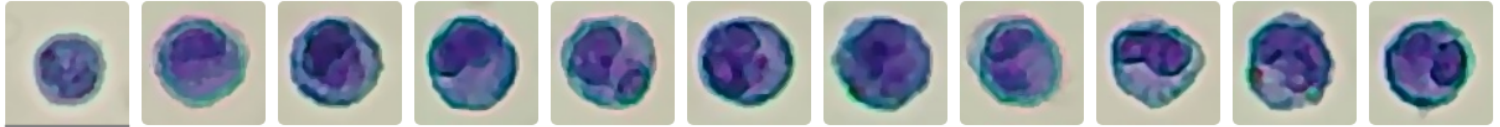
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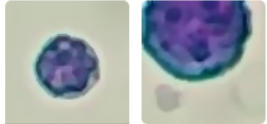
Pet type: Canine

MON# 3.01 $10^3/uL$



STD image Number: 309 sheets/143 images/754 images

BAS# 0.01 $10^3/uL$



STD image Number: 1 sheets/143 images/754 images

RET# 8.37 $10^3/uL$



STD image Number: 88 sheets/143 images/754 images

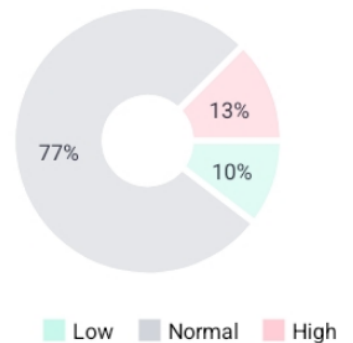
P-LCC 14.61 $10^3/uL$



STD image Number: 832 sheets/575 images/754 images

Polycythemia

Basis for judgment: Elevated Red Blood Cells and Hemoglobin suggest polycythemia; commonly seen in dehydration, chronic hypoxia, or Polycythemia Vera, manifesting as mucosal cyanosis and shortness of breath.



RBC 9.57 $10^6/uL$ \uparrow (5.65-8.87)

-Clinical indication: Polycythemia possible

-Basis for judgment: Seen in conditions leading to Elevated concentration due to reduced blood volume (dehydration, vomiting, high fever, diarrhea, polyuria, excessive sweating, extensive burns, etc.), Polycythemia Vera, compensatory Increase in Erythropoietin (EPO) (Elevated altitude adaptation, chronic obstructive pulmonary disease, congenital heart disease, etc.), or pathological Elevated (renal tumor, hydronephrosis, tumor, etc.) related diseases.

HGB 21.44 g/dL \uparrow (13.10-20.50)

-Clinical indication: Elevated Hemoglobin, possibly due to dehydration (blood concentration) or chronic hypoxia response

-Basis for judgment: Commonly seen in dehydration (blood concentration), compensatory or pathological Increase in Erythropoietin (EPO) caused by hypoxia, hyperadrenocorticism, Polycythemia Vera, etc.

Possible diseases and basis for inference

Relative polycythemia High

Dehydration leads to blood concentration, both RBC and HGB are elevated, but the total red blood cell mass is Within Normal Range.

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Polycythemia Vera Medium

Primary myeloproliferative disease, manifested as persistent elevation of RBC and HGB.

Chronic hypoxic polycythemia Low

Long-term Decreased-oxygen environment (such as lung disease) stimulates red blood cell production, accompanied by elevated red blood cells and hemoglobin.

[1]Boden,E. Andrews,A. (2015). The Black Veterinary Dictionary (22nd Edition). London: Bloomsbury Press.

[2]Latimer,K.S. (2011). Duncan & Plath Veterinary Laboratory Medicine: Clinical Pathology (5th Edition). Ames, Iowa: Willy Blackwell Publishing House.

[3]Merck Veterinary Manual (2025). Clinical Hematology - Clinical Pathology and Operating Procedures.[4]Weiss,D.J. and Wardrop,K.J. (2010). Schalm Veterinary Hematology (6th Edition). Ames, Iowa: Willy Blackwell Publishing House.