

BATINGA AMC Test Report of Hematology Analysis

Hospital Address:SM CITY CDO UPTOWN

Contact number:09061211260

Report No.:2605290001

Medical No.:

Test Time:2026.05.29 09:53:46

Pet Name:BLINKY

Pet type:Feline

Gender:Male

Age: Year

Sample Type:Whole blood

Owner:

Parameters	Result	Reference range	Low	Normal	High
01. WBC (White blood cell count)	9.35 10 ³ /uL	2.87-17.02			
NEU# (Neutrophil count)	8.52 10 ³ /uL	2.30-10.29			
NST# (Band neutrophil count)	0.13 10 ³ /uL	0.00-0.80			
NSG# (Segmented neutrophil count)	8.37 10 ³ /uL	2.30-12.50			
NSH# (Hypersegmented neutrophil count)	0.02 10 ³ /uL	0.00-0.30			
LYM# (Lymphocyte count)	0.35 10 ³ /uL↓	0.92-6.88			
SLYM# (Small lymphocyte count)	0.35 10 ³ /uL↓	0.92-6.88			
LLYM# (Large lymphocyte count)	0.00 10 ³ /uL	0.00-0.00			
MON# (Monocyte count)	0.46 10 ³ /uL	0.05-0.67			
EOS# (Eosinophil count)	0.02 10 ³ /uL↓	0.17-1.57			
BAS# (Basophil count)	0.01 10 ³ /uL	0.00-0.26			
NEU% (Neutrophil ratio)	91.06 %↑	38.00-80.00			
NST/WBC% (Band neutrophil ratio)	1.35 %	0.00-10.00			
NST/NEU% (Band neutrophil ratio)	1.48 %	0.00-15.00			
NSG% (Segmented neutrophil ratio)	89.50 %↑	35.00-75.00			
NSH/WBC% (Hypersegmented neutrophil ratio)	0.21 %	0.00-3.00			
NSH/NEU% (Hypersegmented neutrophil ratio)	0.23 %	0.00-4.00			
LYM% (Lymphocyte ratio)	3.74 %↓	16.00-47.50			
MON% (Monocyte ratio)	4.89 %	1.00-7.60			
EOS% (Eosinophil ratio)	0.21 %↓	1.00-11.10			
BAS% (Basophil ratio)	0.10 %	0.00-0.70			
02. RBC (Red blood cell count)	4.94 10 ⁶ /uL↓	6.54-12.20			
HGB (Hemoglobin concentration)	8.29 g/dL↓	9.80-16.20			
HCT (Hematocrit)	24.57 %↓	30.30-52.30			
MCV (Mean red cell volume)	49.77 fL	35.90-53.10			
MCH (Mean Hb per RBC)	16.80 pg	11.80-17.30			
MCHC (Mean Hb conc in RBC)	33.75 g/dL	28.10-35.80			
RDW-CV (RBC dist width-CV)	21.16 %	20.90-33.60			
RDW-SD (RBC dist width-SD)	20.16 fL	16.00-27.40			
HDW-CV (Hb dist width-CV)	15.47 %	7.00-30.00			
HDW-SD (Hb dist width-SD)	0.26 g/dL	0.20-0.80			
RET# (Reticulocyte count)	0.49 10 ³ /uL↓	3.00-50.00			
RET% (Reticulocyte ratio)	0.01 %	0.00-1.00			
ETG# (Shadow red cell count)	0.01 10 ¹² /L	0.00-0.06			
ETG% (Shadow red cell ratio)	0.20 %	0.00-2.50			
SPH# (Spherocyte count)	1.69 10 ⁹ /L	0.00-193.66			
SPH% (Spherocyte ratio)	0.03 %	0.00-2.71			
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)	178.97 10 ³ /uL	151.00-600.00			
MPV (Mean platelet volume)	12.77 fL	11.40-21.60			
PDW (Platelet distribution width)	19.43 fL↑	9.10-19.40			
PCT (Plateletcrit)	0.23 %	0.17-0.86			
APLT# (Aggregated platelet count)	0.00 10 ³ /uL	0.00-0.15			
P-LCC (Large platelet count)	10.74 10 ³ /uL	0.00-103.00			
P-LCR (Large platelet ratio)	6.00 %	0.00-30.00			

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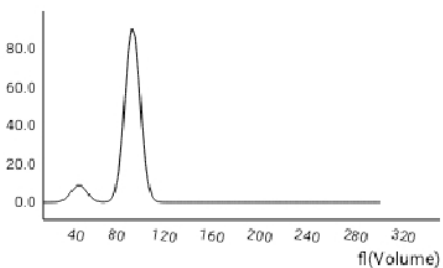
Contact number: 09061211260

Report No.: 2605290001

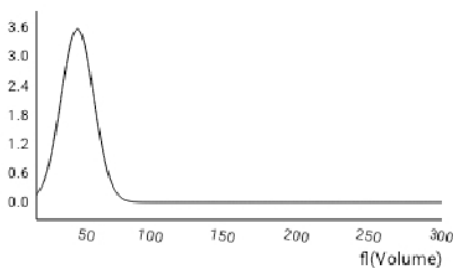
Pet Name: BLINKY

Pet type: Feline

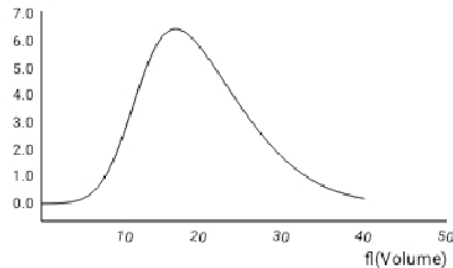
WBC



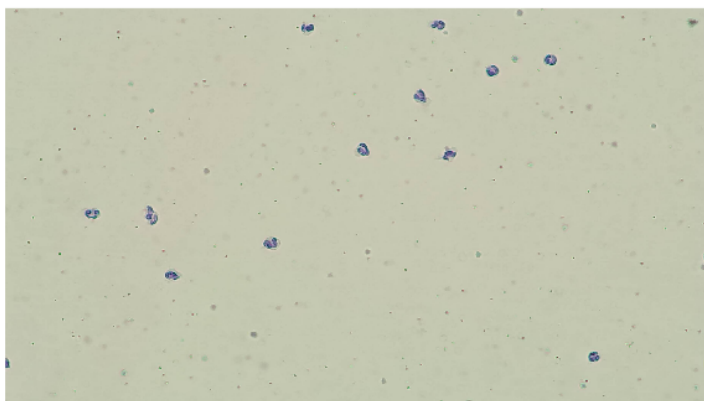
RBC



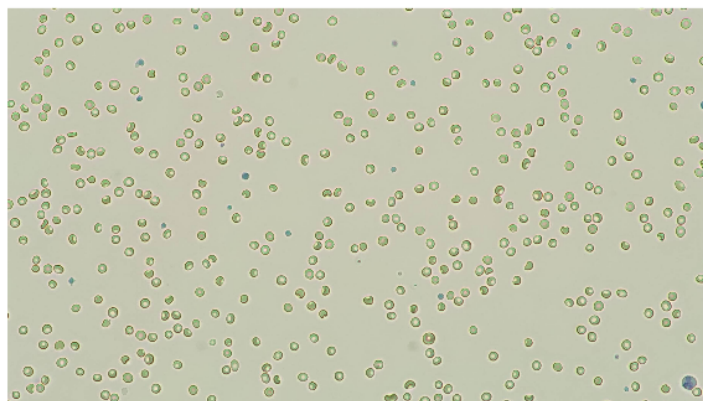
PLT



WBC images



RBC&PLT images



NST# 0.13 $10^3/uL$



STD image Number: 13 sheets/143 images/754 images

NSG# 8.37 $10^3/uL$



STD image Number: 902 sheets/143 images/754 images

NSH# 0.02 $10^3/uL$



STD image Number: 2 sheets/143 images/754 images

SLYM# 0.35 $10^3/uL$



STD image Number: 37 sheets/143 images/754 images

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MON# 0.46 $10^3/uL$



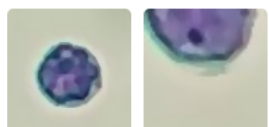
STD image Number: 50 sheets/143 images/754 images

EOS# 0.02 $10^3/uL$



STD image Number: 2 sheets/143 images/754 images

BAS# 0.01 $10^3/uL$



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

RET# 0.49 $10^3/uL$



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

ETG# 0.01 $10^{12}/L$



STD image Number: 13 sheets/36 images/754 images

SPH# 1.69 $10^9/L$



STD image Number: 5 sheets/36 images/754 images

P-LCC 10.74 $10^3/uL$



STD image Number: 695 sheets/575 images/754 images

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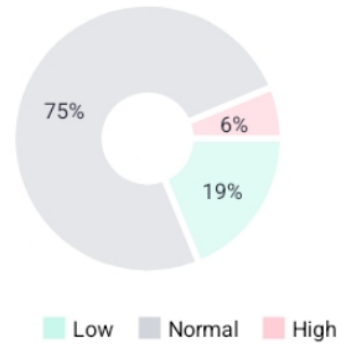
Pet type:Feline

1.Lymphopenia with eosinopenia

Basis for judgment:Simultaneous decrease in lymphocytes and eosinophils is common in stress states or viral infections, suggesting suppression of the body's immune response.

2.Anemia (Normocytic)

Basis for judgment:Anemia (Normocytic) is commonly seen in chronic diseases or acute blood loss, manifesting as a simultaneous Decrease in RBC and Hemoglobin, but with Within Normal Range Mean Corpuscular Volume parameters.



LYM# 0.35 10³/uL ↓ (0.92-6.88)

-Clinical indication:Lymphopenia suggests stress, severe infection, consumption after viral infection, drugs (glucocorticoid effect), lymphoma, or immunosuppressive states, etc.

-Basis for judgment:Lymphopenia is common in various diseases accompanied by neutrophilia, destruction of lymphoid tissue, stress, severe infection, viral infection (e. g. , canine distemper, feline panleukopenia), hyperadrenocorticism, or immunosuppressive diseases.

EOS# 0.02 10³/uL ↓ (0.17-1.57)

-Clinical indication:Eosinopenia may be due to infectious diseases or severe febrile diseases, bone marrow suppression, stress, or glucocorticoid influence.

-Basis for judgment:Eosinopenia is common in the early to peak stages of infectious diseases or severe febrile diseases, severe bone marrow damage, administration of corticosteroid drugs, and the shock phase of stress reactions. Prolonged disappearance indicates a poor prognosis, but reappearance after disappearance indicates improvement in the condition.

RBC 4.94 10⁶/uL ↓ (6.54-12.20)

-Clinical indication:RBC Decreased, indicating anemia

-Basis for judgment:Commonly seen in chronic blood loss anemia (parasitic diseases), acute blood loss anemia (tumors, purpura, surgery), Hemolytic Anemia (parasitic infection, autoimmune Hemolysis), Nutritional Anemia (malnutrition), aplastic anemia (poisoning, immune diseases, endocrine disorders), etc.

HGB 8.29 g/dL ↓ (9.80-16.20)

-Clinical indication:Hemoglobin Decreased, indicating anemia

-Basis for judgment:Commonly seen in acute/chronic blood loss anemia, Hemolytic Anemia, Nutritional Anemia, Aplastic Anemia, etc.

Possible diseases and basis for inference

Acute stress reaction High

Both cell types are sensitive to glucocorticoids and decrease significantly during stress [4].

Anemia of chronic inflammation High

Decreased RBC and HGB with Within Normal Range MCV/MCH/MCHC is consistent with iron utilization disorder caused by chronic disease.

[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.