

BATINGA AMC Test Report of Hematology Analysis

Hospital Address:SM CITY CDO UPTOWN

Contact number:09061211260

Report No.:2605220001

Medical No.:

Test Time:2026.05.22 16:38:12

Pet Name:BEN-BEN

Pet type:Canine

Gender:Male

Age: Year

Sample Type:Whole blood

Owner:

Parameters	Result	Reference range	Low	Normal	High
01. WBC (White blood cell count)	4.24 10 ³ /uL↓	5.05-16.76			
NEU# (Neutrophil count)	3.41 10 ³ /uL	2.95-11.64			
NST# (Band neutrophil count)	0.05 10 ³ /uL	0.00-0.80			
NSG# (Segmented neutrophil count)	3.15 10 ³ /uL	2.50-11.30			
NSH# (Hypersegmented neutrophil count)	0.21 10 ³ /uL	0.00-0.40			
LYM# (Lymphocyte count)	0.74 10 ³ /uL↓	1.05-5.10			
SLYM# (Small lymphocyte count)	0.74 10 ³ /uL↓	1.05-5.10			
LLYM# (Large lymphocyte count)	0.00 10 ³ /uL	0.00-0.00			
MON# (Monocyte count)	0.02 10 ³ /uL↓	0.16-1.12			
EOS# (Eosinophil count)	0.07 10 ³ /uL	0.06-1.23			
BAS# (Basophil count)	0.00 10 ³ /uL	0.00-0.10			
NEU% (Neutrophil ratio)	80.56 %↑	52.00-78.00			
NST/WBC% (Band neutrophil ratio)	1.28 %	0.00-10.00			
NST/NEU% (Band neutrophil ratio)	1.59 %	0.00-20.00			
NSG% (Segmented neutrophil ratio)	74.42 %	50.00-75.00			
NSH/WBC% (Hypersegmented neutrophil ratio)	4.86 %	0.00-5.00			
NSH/NEU% (Hypersegmented neutrophil ratio)	6.03 %	0.00-7.00			
LYM% (Lymphocyte ratio)	17.39 %	16.00-41.50			
MON% (Monocyte ratio)	0.51 %↓	1.00-13.00			
EOS% (Eosinophil ratio)	1.53 %	0.50-11.85			
BAS% (Basophil ratio)	0.00 %	0.00-0.90			
02. RBC (Red blood cell count)	4.58 10 ⁶ /uL↓	5.65-8.87			
HGB (Hemoglobin concentration)	10.32 g/dL↓	13.10-20.50			
HCT (Hematocrit)	33.56 %↓	37.30-61.70			
MCV (Mean red cell volume)	73.25 fL	61.60-73.50			
MCH (Mean Hb per RBC)	22.52 pg	21.20-25.90			
MCHC (Mean Hb conc in RBC)	30.74 g/dL↓	32.00-37.90			
RDW-CV (RBC dist width-CV)	10.56 %↓	11.20-17.10			
RDW-SD (RBC dist width-SD)	25.49 fL↓	25.60-41.60			
HDW-CV (Hb dist width-CV)	11.77 %	7.00-20.00			
HDW-SD (Hb dist width-SD)	0.26 g/dL	0.20-0.80			
RET# (Reticulocyte count)	11.48 10 ³ /uL	3.00-110.00			
RET% (Reticulocyte ratio)	0.25 %	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)	0.31 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)	0.31 10 ³ /uL↑	0.00-0.15			
03. PLT (Platelet count)	110.61 10 ³ /uL↓	148.00-484.00			
MPV (Mean platelet volume)	10.80 fL	8.70-13.20			
PDW (Platelet distribution width)	16.64 fL	9.10-19.40			
PCT (Plateletcrit)	0.12 %↓	0.14-0.46			
APLT# (Aggregated platelet count)	0.00 10 ³ /uL	0.00-0.15			
P-LCC (Large platelet count)	7.23 10 ³ /uL	0.00-66.00			
P-LCR (Large platelet ratio)	6.53 %	0.00-25.00			

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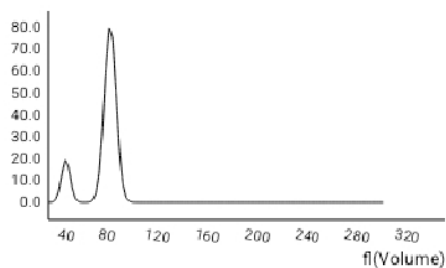
Contact number:09061211260

Report No.:2605220001

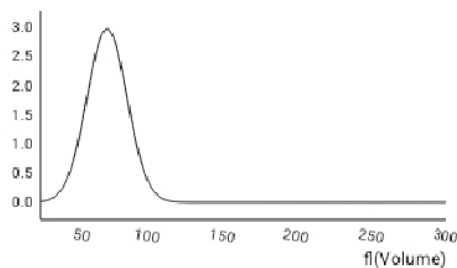
Pet Name:BEN-BEN

Pet type:Canine

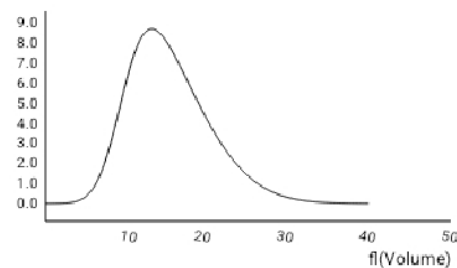
WBC



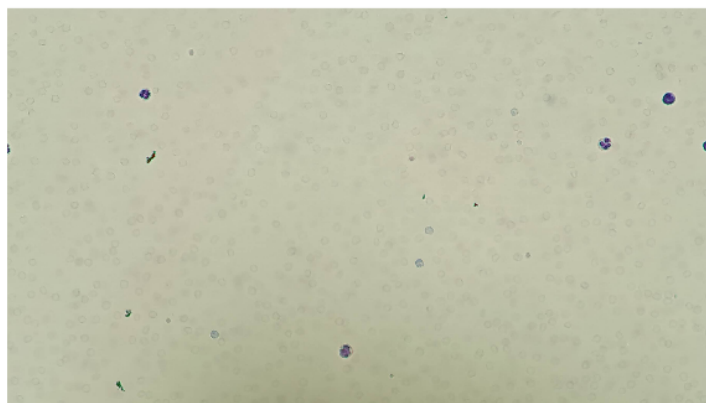
RBC



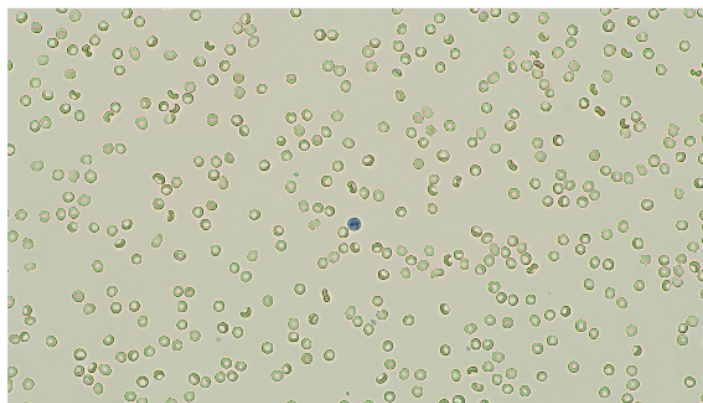
PLT



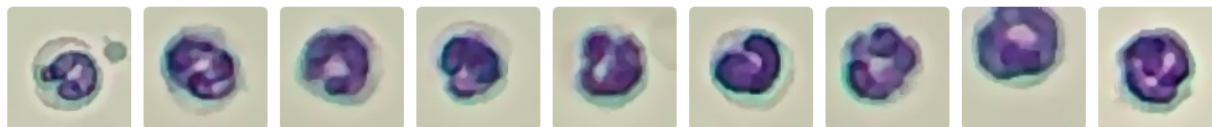
WBC images



RBC&PLT images

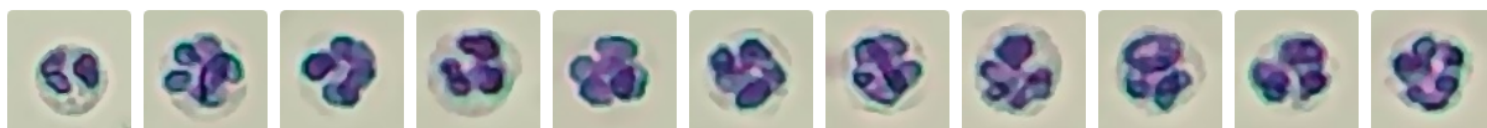


NST# 0.05 10³/uL



STD image Number: 8 sheets/143 images/754 images

NSG# 3.15 10³/uL



STD image Number: 341 sheets/143 images/754 images

NSH# 0.21 10³/uL



STD image Number: 20 sheets/143 images/754 images

SLYM# 0.74 10³/uL



STD image Number: 81 sheets/143 images/754 images

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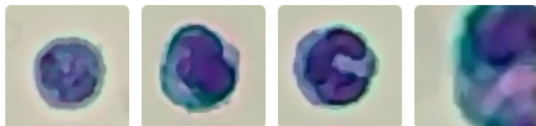
Contact number:09061211260

Report No.:2605220001

Pet Name:BEN-BEN

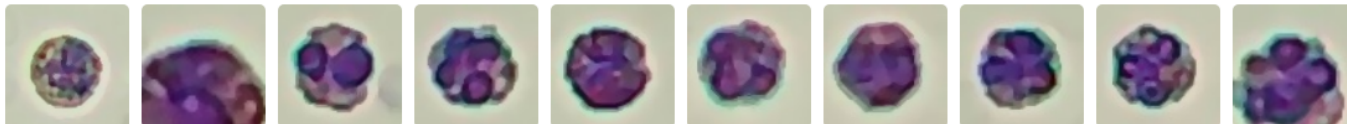
Pet type:Canine

MON# 0.02 $10^3/uL$



STD image Number: 3 sheets/143 images/754 images

EOS# 0.07 $10^3/uL$



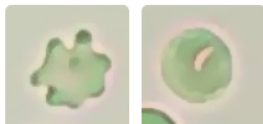
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RET# 11.48 $10^3/uL$



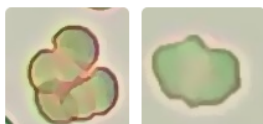
STD image Number: 122 sheets/143 images/754 images

ACA# 0.31 $10^3/uL$



STD image Number: 1 sheets/36 images/754 images

AGG# 0.31 $10^3/uL$



STD image Number: 1 sheets/36 images/754 images

P-LCC 7.23 $10^3/uL$



STD image Number: 381 sheets/575 images/754 images

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Pet Name:BEN-BEN

Pet type:Canine

1. Leukopenia Syndrome

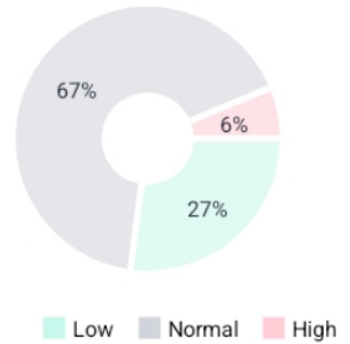
Basis for judgment:Simultaneous decrease in WBCs, lymphocytes, and monocytes suggests bone marrow suppression or systemic infection, common in Canine Distemper or immunosuppressive states.

2. Possible changes related to organ dysfunction.

Basis for judgment:Acanthocytes are common in lipid metabolism abnormalities, often associated with liver disease or chronic illness, but have limited specificity.

3. Possible immune or non-immune mediated agglutination

Basis for judgment:RBC agglutination may be antibody-mediated, cold agglutination, or sampling_ID__ID__ID 3 related; microscopic confirmation is mandatory



ACA# 0.31 $10^3/uL$ ↑ (0.00-0.00)

-Clinical indication:Suggests abnormal erythrocyte membrane lipids (non-specific, requires liver/kidney function correlation).

-Basis for judgment:Increased acanthocytes suggest abnormal membrane lipid composition, often related to metabolism or organ function.

AGG# 0.31 $10^3/uL$ ↑ (0.00-0.15)

-Clinical indication:Suggests RBC agglutination (requires microscopic confirmation and exclusion of in vitro factors)

-Basis for judgment:Elevated RBC aggregation count; confirm via blood smear and saline dispersion test

WBC 4.24 $10^3/uL$ ↓ (5.05-16.76)

-Clinical indication:Decreased total WBC count, suggesting severe infection, viral infection, immunosuppression, or bone marrow suppression.

-Basis for judgment:[4] indicates that decreased WBC is common in viral infections (e. g. , Feline Panleukopenia), autoimmune diseases, or bone marrow suppression, and severe bacterial infections (e. g. , sepsis).

LYM# 0.74 $10^3/uL$ ↓ (1.05-5.10)

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

-Basis for judgment:Lymphopenia is common in various diseases with neutrophilia, destruction of lymphoid tissue, stress, severe infection, viral infection (e. g. , Canine Distemper, Feline Panleukopenia), hyperadrenocorticism, or immunosuppressive diseases.

MON# 0.02 $10^3/uL$ ↓ (0.16-1.12)

-Clinical indication:Monocytopenia, possibly reflecting bone marrow suppression or stress state, early stage of infectious diseases, or critical stage of various diseases.

-Basis for judgment:Decreased total monocyte count, mainly seen in severe stress or abnormal bone marrow production; in severe anemia, etc. , if monocytes disappear for a long time, the prognosis is poor.

Possible diseases and basis for inference

Liver disease High

Lipid metabolism disorders affect erythrocyte membrane structure.

Immune-mediated hemolysis High

Antibody-mediated RBC aggregation

[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.