

BATINGA AMC Test Report of Hematology Analysis

Hospital Address:SM CITY CDO UPTOWN Contact number:09061211260

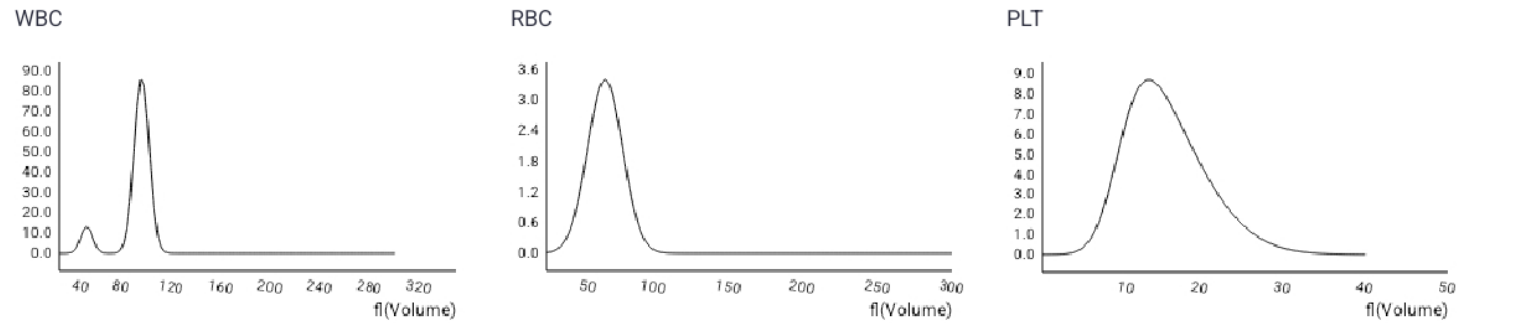
Report No.:2606300006	Medical No.: 105604	Test Time:2026.06.30 16:05:05
Pet Name:SHARPAY	Pet type:Canine	Gender:Female
Age: Year	Sample Type:Whole blood	Owner:

Parameters	Result	Reference range	Low	Normal	High
01. WBC (White blood cell count)	19.18 10 ³ /uL↑	5.05-16.76			
NEU# (Neutrophil count)	16.65 10 ³ /uL↑	2.95-11.64			
NST# (Band neutrophil count)	0.51 10 ³ /uL	0.00-0.80			
NSG# (Segmented neutrophil count)	15.86 10 ³ /uL↑	2.50-11.30			
NSH# (Hypersegmented neutrophil count)	0.28 10 ³ /uL	0.00-0.40			
LYM# (Lymphocyte count)	0.87 10 ³ /uL↓	1.05-5.10			
SLYM# (Small lymphocyte count)	0.87 10 ³ /uL↓	1.05-5.10			
LLYM# (Large lymphocyte count)	0.00 10 ³ /uL	0.00-0.00			
MON# (Monocyte count)	1.59 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)	86.84 %↑	52.00-78.00			
NST/WBC% (Band neutrophil ratio)	2.66 %	0.00-10.00			
NST/NEU% (Band neutrophil ratio)	3.06 %	0.00-20.00			
NSG% (Segmented neutrophil ratio)	82.71 %↑	50.00-75.00			
NSH/WBC% (Hypersegmented neutrophil ratio)	1.47 %	0.00-5.00			
NSH/NEU% (Hypersegmented neutrophil ratio)	1.69 %	0.00-7.00			
LYM% (Lymphocyte ratio)	4.52 %↓	16.00-41.50			
MON% (Monocyte ratio)	8.31 %	1.00-13.00			
EOS% (Eosinophil ratio)	0.34 %↓	0.50-11.85			
BAS% (Basophil ratio)	0.00 %	0.00-0.90			
02. RBC (Red blood cell count)	7.45 10 ⁶ /uL	5.65-8.87			
HGB (Hemoglobin concentration)	16.99 g/dL	13.10-20.50			
HCT (Hematocrit)	50.46 %	37.30-61.70			
MCV (Mean red cell volume)	67.70 fL	61.60-73.50			
MCH (Mean Hb per RBC)	22.79 pg	21.20-25.90			
MCHC (Mean Hb conc in RBC)	33.67 g/dL	32.00-37.90			
RDW-CV (RBC dist width-CV)	10.46 %↓	11.20-17.10			
RDW-SD (RBC dist width-SD)	24.16 fL↓	25.60-41.60			
HDW-CV (Hb dist width-CV)	14.01 %	7.00-20.00			
HDW-SD (Hb dist width-SD)	0.32 g/dL	0.20-0.80			
RET# (Reticulocyte count)	102.81 10 ³ /uL	3.00-110.00			
RET% (Reticulocyte ratio)	1.38 %	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)	542.22 10 ³ /uL↑	148.00-484.00			
MPV (Mean platelet volume)	10.87 fL	8.70-13.20			
PDW (Platelet distribution width)	16.56 fL	9.10-19.40			
PCT (Plateletcrit)	0.59 %↑	0.14-0.46			
APLT# (Aggregated platelet count)	0.00 10 ³ /uL	0.00-0.15			
P-LCC (Large platelet count)	37.07 10 ³ /uL	0.00-66.00			
P-LCR (Large platelet ratio)	6.84 %	0.00-25.00			

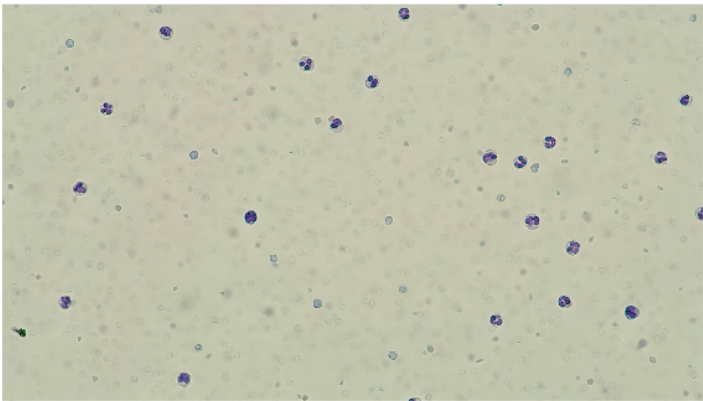
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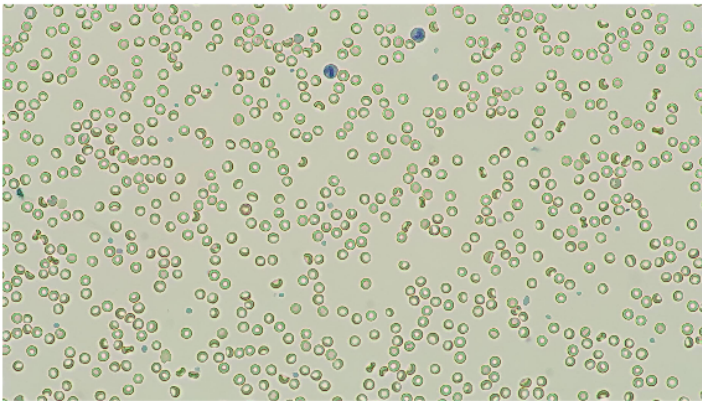
Report No.:2606300006	Pet Name:SHARPAY	Pet type:Canine
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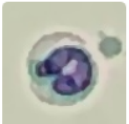
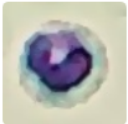
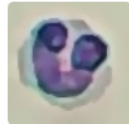
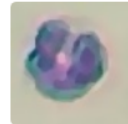
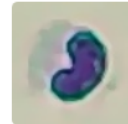
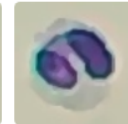
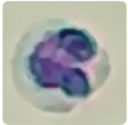
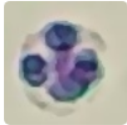
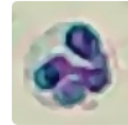
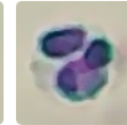
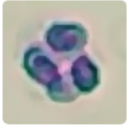
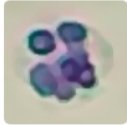
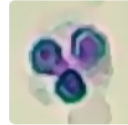
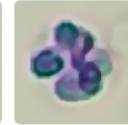
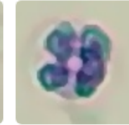
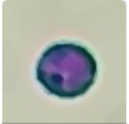
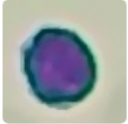
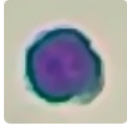
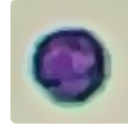
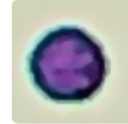
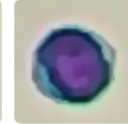
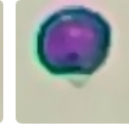


WBC images



RBC&PLT images

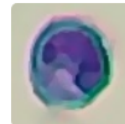
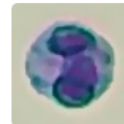
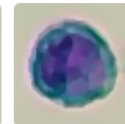
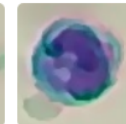
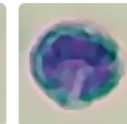
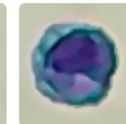
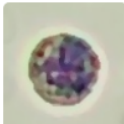
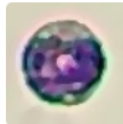
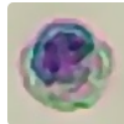
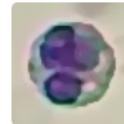
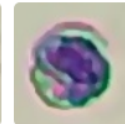
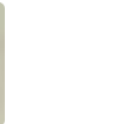
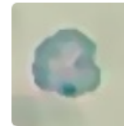
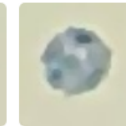
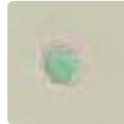
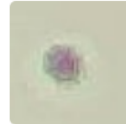
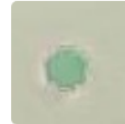
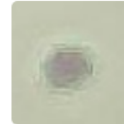


NST#	0.51 10 ³ /uL												Number: 54 sheets/143 images/754 images
NSG#	15.86 10 ³ /uL												Number: 1675 sheets/143 images/754 images
NSH#	0.28 10 ³ /uL												Number: 32 sheets/143 images/754 images
SLYM#	0.87 10 ³ /uL												Number: 94 sheets/143 images/754 images

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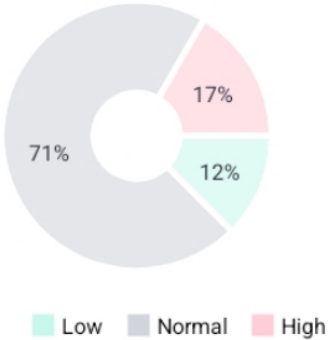
Hospital Address:SM CITY CDO UPTOWN Contact number:09061211260

Report No.:2606300006	Pet Name:SHARPAY	Pet type:Canine
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MON#	1.59 10 ³ /uL									
										
STD image	Number: 172 sheets/143 images/754 images									
EOS#	0.07 10 ³ /uL									
										
STD image	Number: 7 sheets/143 images/754 images									
RET#	102.81 10 ³ /uL									
										
STD image	Number: 1065 sheets/143 images/754 images									
P-LCC	37.07 10 ³ /uL									
										
STD image	Number: 1976 sheets/575 images/754 images									

1.Acute inflammatory response with stress
Basis for judgment:Neutrophilia and monocytosis accompanied by lymphopenia suggest acute infection or stress state, commonly seen in bacterial infections or systemic inflammation.

2.No significant hematological abnormalities
Basis for judgment:All blood cell parameters are Within Normal Range, with no signs of anemia, infection, or inflammation, suggesting the body's blood system is basically Within Normal Range.



WBC 19.18 10³/uL ↑ (5.05-16.76)
-Clinical indication:Presence of acute inflammation or infection (bacterial infection is most typical), tissue injury/necrosis, drug/hormone effects, stress response, or myeloproliferative disorders.
-Basis for judgment:Bacterial infection stimulates the bone marrow to accelerate the release of White Blood Cells to combat pathogens; inflammatory responses triggered by trauma, surgery, burns, pancreatitis, etc. ; use of drugs such as glucocorticoids and colony-stimulating factors can induce elevated White Blood Cells; physiological or pathological stress leads to redistribution of White Blood Cells, resulting in transient elevation; abnormal proliferation of hematopoietic stem cells leads to persistent and significant elevation of White Blood Cells (mostly malignant lesions).

NEU# 16.65 10³/uL ↑ (2.95-11.64)
-Clinical indication:Suggests acute inflammation or infection (local or systemic bacterial infection), tissue necrosis, tumors, stress/cortisol effects, hemorrhage or Hemolysis, granulocytic leukemia, etc.
-Basis for judgment:Neutrophilia is a typical manifestation of acute inflammation (surgery, trauma, infarction, tumor necrosis, thermal injury) or bacterial infection (such as pneumonia, pyelonephritis, cellulitis, pyometra); tumors can secrete granulocyte colony-stimulating factors, stimulating excessive bone marrow production; chronic myeloid leukemia, Myelodysplastic Syndrome (MDS), etc. , involve uncontrolled proliferation of the bone marrow itself; exogenous corticosteroids are the most common drugs leading to iatrogenic neutrophilia.

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Hospital Address:SM CITY CDO UPTOWN

Contact number:09061211260

Report No.:2606300006

Pet Name:SHARPAY

Pet type:Canine

NSG# 15.86 $10^3/uL$ ↑ (2.50-11.30)

-Clinical indication:Commonly seen in acute bacterial infection, acute inflammation/tissue injury, stress response or myeloproliferative lesions, drugs/hormones, poisoning, etc.

-Basis for judgment:The essence is the accelerated release of mature neutrophils from the bone marrow or prolonged retention of peripheral blood neutrophils. Infectious factors (bronchitis, periodontitis, bacterial pneumonia, pyometra, bacterial enteritis, severe sepsis, bacterial peritonitis); non-infectious inflammation/tissue injury (trauma, surgery, burns, acute pancreatitis); transport fright, pain stimulation, surgical stress, history of glucocorticoid medication; chronic myeloid leukemia, Polycythemia Vera, myelofibrosis (malignant, rare but high-risk).

MON# 1.59 $10^3/uL$ ↑ (0.16-1.12)

-Clinical indication:Increased Monocyte Count is associated with inflammation, tissue necrosis, phagocytic demand, glucocorticoids, etc.

-Basis for judgment:[4] indicates that monocytosis is common in chronic infections (such as fungi, protozoa, Mycobacterium tuberculosis, Brucella, etc.) and chronic pathological processes (such as suppuration, necrosis, nutritional disorders, internal hemorrhage, etc.).

LYM# 0.87 $10^3/uL$ ↓ (1.05-5.10)

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

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

Possible diseases and basis for inference

Bacterial sepsis High

Elevation of multiple White Blood Cell and neutrophil parameters with lymphopenia is consistent with severe infection characteristics.

Stress leukocytosis Medium

Non-infectious stress can lead to elevated White Blood Cells, neutrophils, and monocytes.

Chronic inflammatory diseases (e. g. , parasitic infection) Low

Persistent elevation of monocytes suggests a chronic inflammatory process, possibly due to parasitic causes.

[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.