

BATINGA AMC Test Report of Hematology Analysis

Hospital Address:SM CITY CDO UPTOWN Contact number:09061211260

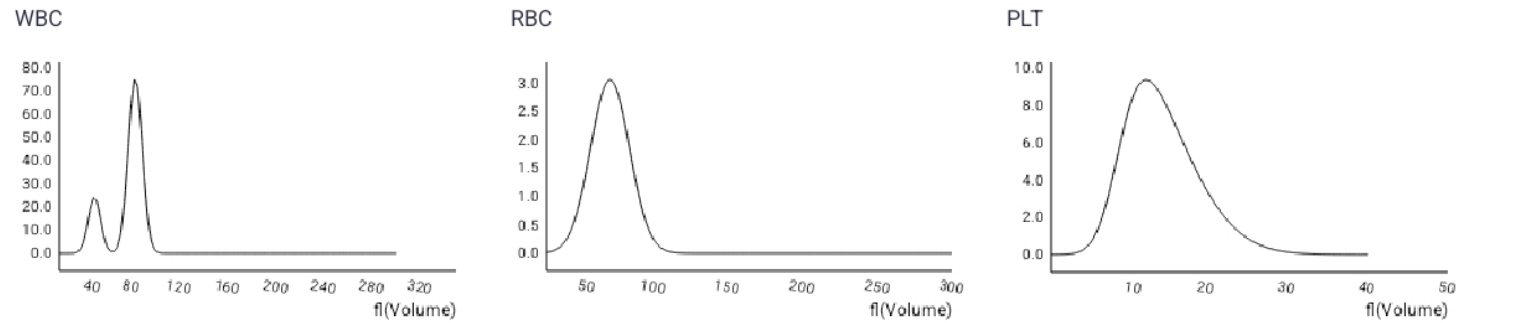
Report No.:2606210001	Medical No.:	Test Time:2026.06.21 15:27:37
Pet Name:CHUBS	Pet type:Canine	Gender:Female
Age: Year	Sample Type:Whole blood	Owner:

Parameters	Result	Reference range	Low	Normal	High
01. WBC (White blood cell count)	15.74 10^3/uL	5.05-16.76			
NEU# (Neutrophil count)	11.92 10^3/uL↑	2.95-11.64			
NST# (Band neutrophil count)	0.25 10^3/uL	0.00-0.80			
NSG# (Segmented neutrophil count)	11.45 10^3/uL↑	2.50-11.30			
NSH# (Hypersegmented neutrophil count)	0.22 10^3/uL	0.00-0.40			
LYM# (Lymphocyte count)	2.42 10^3/uL	1.05-5.10			
SLYM# (Small lymphocyte count)	2.42 10^3/uL	1.05-5.10			
LLYM# (Large lymphocyte count)	0.00 10^3/uL	0.00-0.00			
MON# (Monocyte count)	1.08 10^3/uL	0.16-1.12			
EOS# (Eosinophil count)	0.33 10^3/uL	0.06-1.23			
BAS# (Basophil count)	0.00 10^3/uL	0.00-0.10			
NEU% (Neutrophil ratio)	75.73 %	52.00-78.00			
NST/WBC% (Band neutrophil ratio)	1.59 %	0.00-10.00			
NST/NEU% (Band neutrophil ratio)	2.10 %	0.00-20.00			
NSG% (Segmented neutrophil ratio)	72.75 %	50.00-75.00			
NSH/WBC% (Hypersegmented neutrophil ratio)	1.38 %	0.00-5.00			
NSH/NEU% (Hypersegmented neutrophil ratio)	1.83 %	0.00-7.00			
LYM% (Lymphocyte ratio)	15.35 %↓	16.00-41.50			
MON% (Monocyte ratio)	6.85 %	1.00-13.00			
EOS% (Eosinophil ratio)	2.07 %	0.50-11.85			
BAS% (Basophil ratio)	0.00 %	0.00-0.90			
02. RBC (Red blood cell count)	7.53 10^6/uL	5.65-8.87			
HGB (Hemoglobin concentration)	19.31 g/dL	13.10-20.50			
HCT (Hematocrit)	53.80 %	37.30-61.70			
MCV (Mean red cell volume)	71.45 fL	61.60-73.50			
MCH (Mean Hb per RBC)	25.64 pg	21.20-25.90			
MCHC (Mean Hb conc in RBC)	35.88 g/dL	32.00-37.90			
RDW-CV (RBC dist width-CV)	11.97 %	11.20-17.10			
RDW-SD (RBC dist width-SD)	27.58 fL	25.60-41.60			
HDW-CV (Hb dist width-CV)	15.51 %	7.00-20.00			
HDW-SD (Hb dist width-SD)	0.40 g/dL	0.20-0.80			
RET# (Reticulocyte count)	60.52 10^3/uL	3.00-110.00			
RET% (Reticulocyte ratio)	0.80 %	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)	279.07 10^3/uL	148.00-484.00			
MPV (Mean platelet volume)	9.99 fL	8.70-13.20			
PDW (Platelet distribution width)	16.62 fL	9.10-19.40			
PCT (Plateletcrit)	0.28 %	0.14-0.46			
APLT# (Aggregated platelet count)	0.53 10^3/uL↑	0.00-0.15			
P-LCC (Large platelet count)	17.38 10^3/uL	0.00-66.00			
P-LCR (Large platelet ratio)	6.23 %	0.00-25.00			

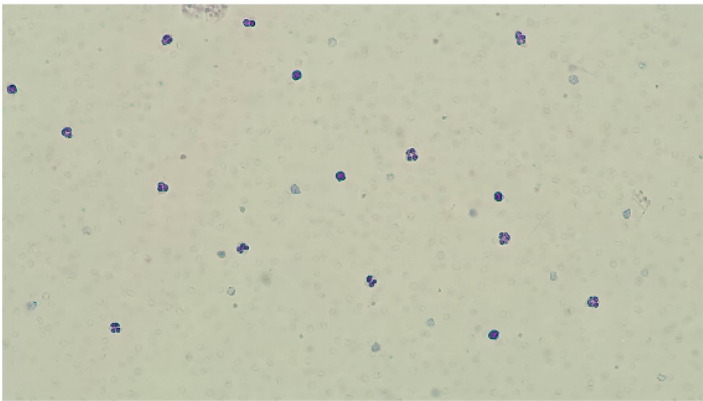
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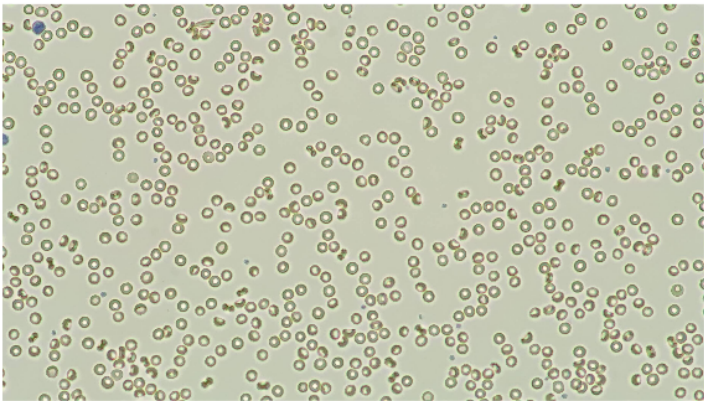
Report No.:2606210001	Pet Name:CHUBS	Pet type:Canine
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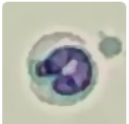
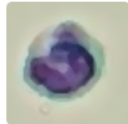
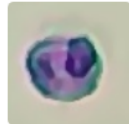
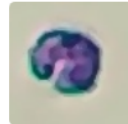
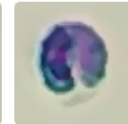
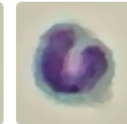
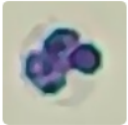
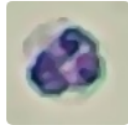
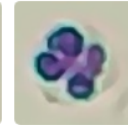
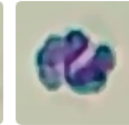
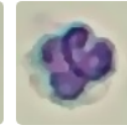
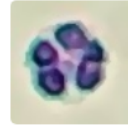
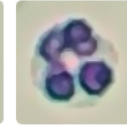
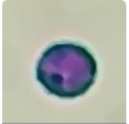
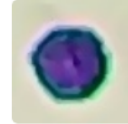
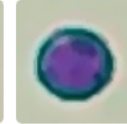


WBC images



RBC&PLT images



NST#	0.25 10 ³ /uL											
STD image	Number: 28 sheets/143 images/754 images											
NSG#	11.45 10 ³ /uL											
STD image	Number: 1202 sheets/143 images/754 images											
NSH#	0.22 10 ³ /uL											
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SLYM#	2.42 10 ³ /uL											
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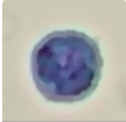
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MON#

1.08 10^3/uL



STD image Number: 106 sheets/143 images/754 images

EOS#

0.33 10^3/uL



STD image Number: 34 sheets/143 images/754 images

RET#

60.52 10^3/uL



STD image Number: 640 sheets/143 images/754 images

ETG#

0.00 10^12/L



STD image Number: 3 sheets/36 images/754 images

APLT#

0.53 10^3/uL



STD image Number: 2 sheets/575 images/754 images

P-LCC

17.38 10^3/uL



STD image Number: 1013 sheets/575 images/754 images

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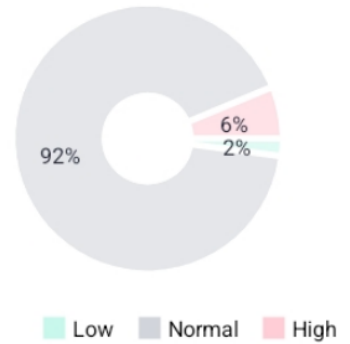
Pet type:Canine

1.Acute inflammatory response

Basis for judgment:Elevated neutrophils and segmented neutrophils suggest an acute inflammatory response, common in bacterial infection or tissue injury, with a normal total WBC count, suggesting the inflammation is in an early or compensatory stage.

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.



NEU# 11.92 10³/uL ↑ (2.95-11.64)

-Clinical indication:Suggests acute inflammation or infection (localized or systemic bacterial infection), tissue necrosis, tumor, stress/cortisol effect, 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 (e. g. , pneumonia, pyelonephritis, cellulitis, pyometra); tumors can secrete granulocyte colony-stimulating factor to stimulate bone marrow overproduction; Chronic Myeloid Leukemia, Myelodysplastic Syndrome (MDS), etc. , involve uncontrolled bone marrow proliferation; exogenous corticosteroids are the most common drugs leading to iatrogenic neutrophilia.

NSG# 11.45 10³/uL ↑ (2.50-11.30)

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

-Basis for judgment:The essence is accelerated release of mature neutrophils from 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 use; chronic myeloid leukemia, Polycythemia Vera, myelofibrosis (malignant, rare but high risk).

Possible diseases and basis for inference

Bacterial infection **High**

Elevated NEU and NSG# directly correspond to the neutrophil response caused by bacterial infection, consistent with acute inflammatory characteristics.

Localized tissue injury **Medium**

Trauma or surgery can lead to increased release of neutrophils and segmented neutrophils without a significant systemic increase in WBC.

Stress leukocytic reaction **Low**

Severe stress (e. g. , shock, pain) can cause neutrophilia, but it is usually accompanied by other stress manifestations.

[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.