

# BATINGA AMC Test Report of Hematology Analysis

Hospital Address:SM CITY CDO UPTOWN

Contact number:09061211260

Report No.:2605240006

Medical No.:

Test Time:2026.05.24 13:34:39

Pet Name:Scout

Pet type:Canine

Gender:Male

Age:4 Year

Sample Type:Whole blood

Owner:

Parameters	Result	Reference range	Low	Normal	High
01. WBC (White blood cell count)	15.37 10 <sup>3</sup> /uL	5.05-16.76			
NEU# (Neutrophil count)	10.51 10 <sup>3</sup> /uL	2.95-11.64			
NST# (Band neutrophil count)	0.09 10 <sup>3</sup> /uL	0.00-0.80			
NSG# (Segmented neutrophil count)	9.37 10 <sup>3</sup> /uL	2.50-11.30			
<b>NSH# (Hypersegmented neutrophil count)</b>	<b>1.05 10<sup>3</sup>/uL↑</b>	<b>0.00-0.40</b>			
LYM# (Lymphocyte count)	2.88 10 <sup>3</sup> /uL	1.05-5.10			
SLYM# (Small lymphocyte count)	2.88 10 <sup>3</sup> /uL	1.05-5.10			
LLYM# (Large lymphocyte count)	0.00 10 <sup>3</sup> /uL	0.00-0.00			
MON# (Monocyte count)	0.70 10 <sup>3</sup> /uL	0.16-1.12			
<b>EOS# (Eosinophil count)</b>	<b>1.26 10<sup>3</sup>/uL↑</b>	<b>0.06-1.23</b>			
BAS# (Basophil count)	0.02 10 <sup>3</sup> /uL	0.00-0.10			
NEU% (Neutrophil ratio)	68.36 %	52.00-78.00			
NST/WBC% (Band neutrophil ratio)	0.56 %	0.00-10.00			
NST/NEU% (Band neutrophil ratio)	0.82 %	0.00-20.00			
NSG% (Segmented neutrophil ratio)	60.96 %	50.00-75.00			
<b>NSH/WBC% (Hypersegmented neutrophil ratio)</b>	<b>6.84 %↑</b>	<b>0.00-5.00</b>			
<b>NSH/NEU% (Hypersegmented neutrophil ratio)</b>	<b>10.00 %↑</b>	<b>0.00-7.00</b>			
LYM% (Lymphocyte ratio)	18.75 %	16.00-41.50			
MON% (Monocyte ratio)	4.58 %	1.00-13.00			
EOS% (Eosinophil ratio)	8.17 %	0.50-11.85			
BAS% (Basophil ratio)	0.14 %	0.00-0.90			
02. RBC (Red blood cell count)	5.70 10 <sup>6</sup> /uL	5.65-8.87			
HGB (Hemoglobin concentration)	13.97 g/dL	13.10-20.50			
HCT (Hematocrit)	39.81 %	37.30-61.70			
MCV (Mean red cell volume)	69.78 fL	61.60-73.50			
MCH (Mean Hb per RBC)	24.49 pg	21.20-25.90			
MCHC (Mean Hb conc in RBC)	35.10 g/dL	32.00-37.90			
RDW-CV (RBC dist width-CV)	12.80 %	11.20-17.10			
RDW-SD (RBC dist width-SD)	29.86 fL	25.60-41.60			
HDW-CV (Hb dist width-CV)	11.41 %	7.00-20.00			
HDW-SD (Hb dist width-SD)	0.28 g/dL	0.20-0.80			
RET# (Reticulocyte count)	22.86 10 <sup>3</sup> /uL	3.00-110.00			
RET% (Reticulocyte ratio)	0.40 %	0.00-1.50			
ETG# (Shadow red cell count)	0.00 10 <sup>12</sup> /L	0.00-0.05			
ETG% (Shadow red cell ratio)	0.00 %	0.00-1.65			
SPH# (Spherocyte count)	0.00 10 <sup>9</sup> /L	0.00-130.10			
SPH% (Spherocyte ratio)	0.00 %	0.00-1.54			
ACA# (Acanthocyte count)	0.00 10 <sup>3</sup> /uL	0.00-0.00			
NRBC# (Nucleated red cell count)	0.00 10 <sup>3</sup> /uL	0.00-0.00			
NRBC/WBC% (Nucleated red cell ratio)	0.00 %	0.00-0.00			
<b>AGG# (Agglutinated red cell count)</b>	<b>0.42 10<sup>3</sup>/uL↑</b>	<b>0.00-0.15</b>			
03. PLT (Platelet count)	375.09 10 <sup>3</sup> /uL	148.00-484.00			
MPV (Mean platelet volume)	10.32 fL	8.70-13.20			
PDW (Platelet distribution width)	15.97 fL	9.10-19.40			
PCT (Plateletcrit)	0.39 %	0.14-0.46			
APLT# (Aggregated platelet count)	0.00 10 <sup>3</sup> /uL	0.00-0.15			
P-LCC (Large platelet count)	23.15 10 <sup>3</sup> /uL	0.00-66.00			
P-LCR (Large platelet ratio)	6.17 %	0.00-25.00			

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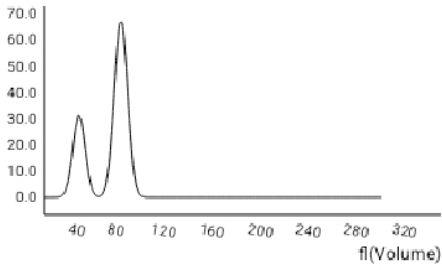
Contact number: 09061211260

Report No.: 2605240006

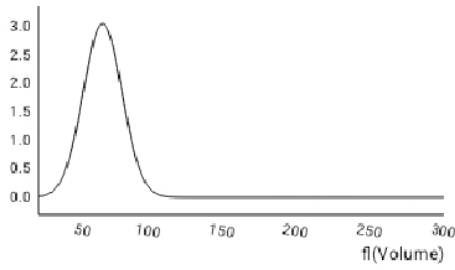
Pet Name: Scout

Pet type: Canine

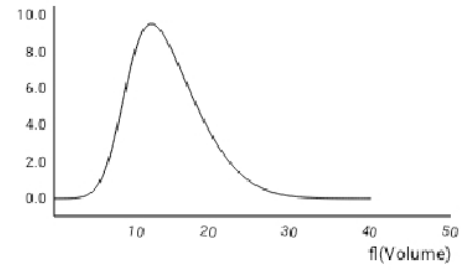
WBC



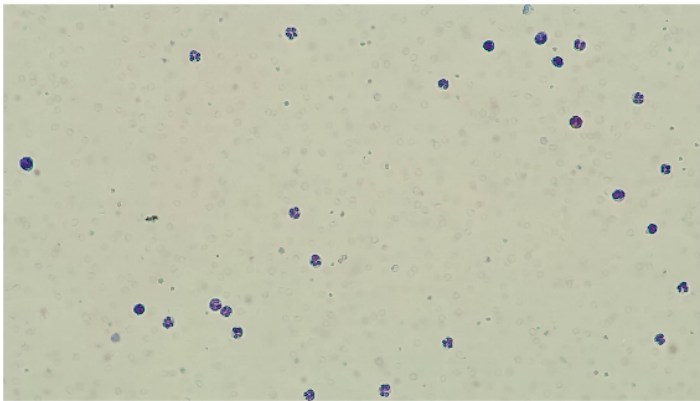
RBC



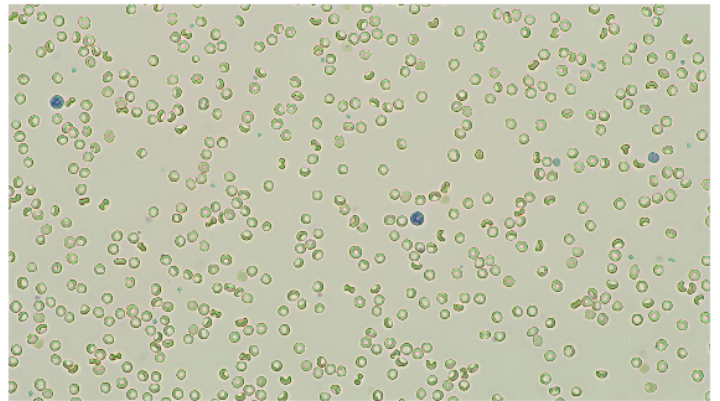
PLT



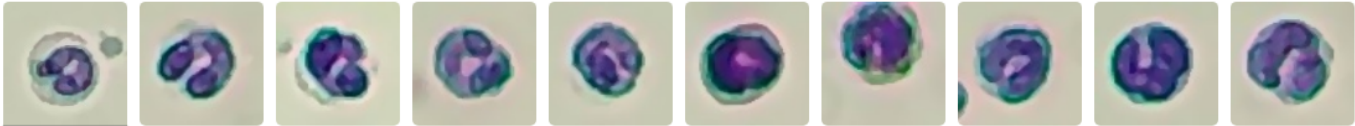
WBC images



RBC&PLT images



NST# 0.09  $10^3/uL$



STD image Number: 9 sheets/143 images/754 images

NSG# 9.37  $10^3/uL$



STD image Number: 965 sheets/143 images/754 images

NSH# 1.05  $10^3/uL$



STD image Number: 113 sheets/143 images/754 images

SLYM# 2.88  $10^3/uL$



STD image Number: 298 sheets/143 images/754 images

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Pet type:Canine

**MON#** 0.70 10<sup>3</sup>/uL



STD image Number: 67 sheets/143 images/754 images

**EOS#** 1.26 10<sup>3</sup>/uL



STD image Number: 129 sheets/143 images/754 images

**BAS#** 0.02 10<sup>3</sup>/uL



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

**RET#** 22.86 10<sup>3</sup>/uL



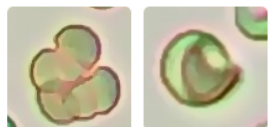
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**ETG#** 0.00 10<sup>12</sup>/L



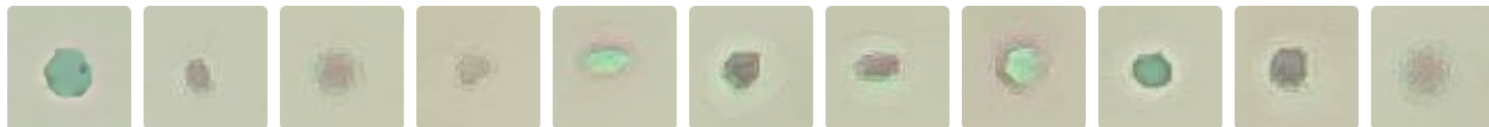
STD image Number: 4 sheets/36 images/754 images

**AGG#** 0.42 10<sup>3</sup>/uL



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

**P-LCC** 23.15 10<sup>3</sup>/uL



STD image Number: 1480 sheets/575 images/754 images

# BATINGA AMC Test Report of Hematology Analysis

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Report No.:2605240006

Pet Name:Scout

Pet type:Canine

## 1.Eosinophilia with abnormal neutrophil maturation

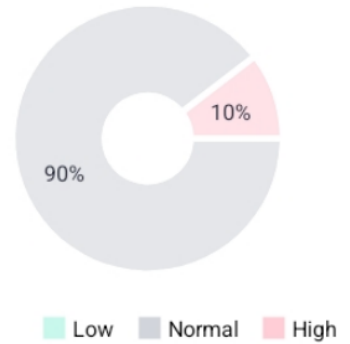
Basis for judgment:Elevated eosinophils and Hypersegmented Neutrophils together suggest chronic inflammation or parasitic infection, common in allergic enteritis or helminth infection, accompanied by gastrointestinal symptoms.

## 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.

## 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



### NSH# 1.05 $10^3/uL$ $\uparrow$ (0.00-0.40)

-Clinical indication:Neutrophil right shift, commonly seen in Vitamin B 12 or folate deficiency, use of antimetabolites, long-term antibiotic or hormone use, metabolic issues, chronic inflammation, etc. Right shift is a sign of declining bone marrow hematopoietic function, and in severe cases, it is mostly caused by high exhaustion of the body.

-Basis for judgment:Vitamin B 12 or folate deficiency affects all rapidly dividing cells, leading to DNA synthesis disorder  $\rightarrow$  delayed nuclear development resulting in a right shift. During the recovery phase of inflammation, a one-time neutrophil right shift often occurs. Severe right shift suggests bone marrow function decline; if the condition is severe, bone marrow hematopoietic function is exhausted, the body's disease resistance is reduced, and the prognosis is poor.

### EOS# 1.26 $10^3/uL$ $\uparrow$ (0.06-1.23)

-Clinical indication:Increased likelihood of parasitic infection, allergic reactions, skin diseases, or inflammatory responses, etc.

-Basis for judgment:Eosinophilia is commonly seen in parasitic infections (e. g. , trematodes, intestinal parasites), allergic diseases (urticaria, atopic dermatitis), tumors, leukemia, hypereosinophilic syndrome, and certain chronic inflammatory states.

### AGG# 0.42 $10^3/uL$ $\uparrow$ (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

## Possible diseases and basis for inference

**Parasitic infection (e. g. , hookworms, roundworms) High**

Elevation of EOS# and NSH# both support the immune response and chronic inflammatory process of parasitic infection.

**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.