BATINGA AMC Test Report of Hematology Analysis

Hospital Address:SM CITY CDO UPTOWN Contact number:09061211260

Report No.:2606240002	Medical No.: 121452	Test Time:2026.06.24 09:19:35
Pet Name:FLOW FLOW	Pet type:Canine	Gender:Female
Age:5 Year	Sample Type:Whole blood	Owner:

Parameters	Result	Reference range	Low	Normal	High
01. WBC (White blood cell count)	13.91 10^3/uL	5.05-16.76			
NEU# (Neutrophil count)	8.59 10^3/uL	2.95-11.64			
NST# (Band neutrophil count)	0.10 10^3/uL	0.00-0.80			
NSG# (Segmented neutrophil count)	8.08 10^3/uL	2.50-11.30			
NSH# (Hypersegmented neutrophil count)	0.41 10^3/uL↑	0.00-0.40			
LYM# (Lymphocyte count)	2.11 10^3/uL	1.05-5.10			
SLYM# (Small lymphocyte count)	2.11 10^3/uL	1.05-5.10			
LLYM# (Large lymphocyte count)	0.00 10^3/uL	0.00-0.00			
MON# (Monocyte count)	0.82 10^3/uL	0.16-1.12			
EOS# (Eosinophil count)	2.37 10^3/uL↑	0.06-1.23			
BAS# (Basophil count)	0.03 10^3/uL	0.00-0.10			
NEU% (Neutrophil ratio)	61.74 %	52.00-78.00			
NST/WBC% (Band neutrophil ratio)	0.68 %	0.00-10.00			
NST/NEU% (Band neutrophil ratio)	1.11 %	0.00-20.00			
NSG% (Segmented neutrophil ratio)	58.12 %	50.00-75.00			
NSH/WBC% (Hypersegmented neutrophil ratio)	2.94 %	0.00-5.00			
NSH/NEU% (Hypersegmented neutrophil ratio)	4.75 %	0.00-7.00			
LYM% (Lymphocyte ratio)	15.17 %↓	16.00-41.50			
MON% (Monocyte ratio)	5.87 %	1.00-13.00			
EOS% (Eosinophil ratio)	17.03 %↑	0.50-11.85			
BAS% (Basophil ratio)	0.20 %	0.00-0.90			
02. RBC (Red blood cell count)	7.16 10^6/uL	5.65-8.87			
HGB (Hemoglobin concentration)	17.21 g/dL	13.10-20.50			
HCT (Hematocrit)	51.61 %	37.30-61.70			
MCV (Mean red cell volume)	72.03 fL	61.60-73.50			
MCH (Mean Hb per RBC)	24.02 pg	21.20-25.90			
MCHC (Mean Hb conc in RBC)	33.35 g/dL	32.00-37.90			
RDW-CV (RBC dist width-CV)	11.67 %	11.20-17.10			
RDW-SD (RBC dist width-SD)	26.95 fL	25.60-41.60			
HDW-CV (Hb dist width-CV)	12.46 %	7.00-20.00			
HDW-SD (Hb dist width-SD)	0.30 g/dL	0.20-0.80			
RET# (Reticulocyte count)	70.48 10^3/uL	3.00-110.00			
RET% (Reticulocyte ratio)	0.98 %	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)	0.42 10^3/uL↑	0.00-0.15			
03. PLT (Platelet count)	341.08 10^3/uL	148.00-484.00			
MPV (Mean platelet volume)	10.62 fL	8.70-13.20			
PDW (Platelet distribution width)	15.69 fL	9.10-19.40			
PCT (Plateletcrit)	0.36 %	0.14-0.46			
APLT# (Aggregated platelet count)	0.00 10^3/uL	0.00-0.15			
P-LCC (Large platelet count)	21.13 10^3/uL	0.00-66.00			
P-LCR (Large platelet ratio)	6.20 %	0.00-25.00			

Ozelle Vet

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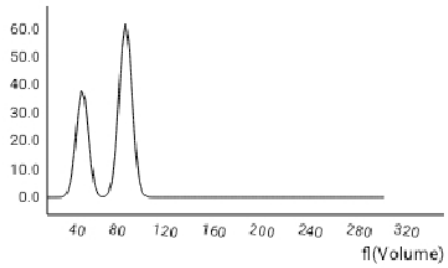
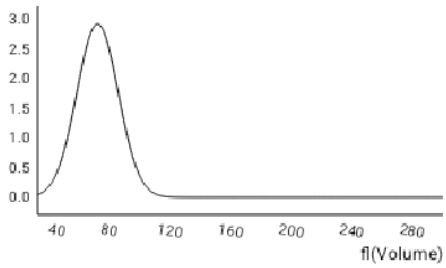
Report No.:2606240002 Pet Name:FLOW FLOW Pet type:Canine

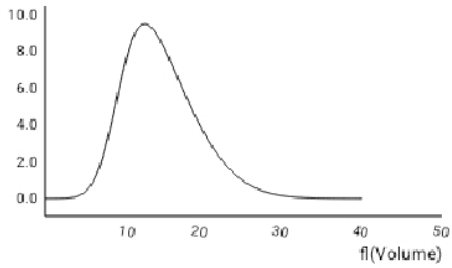
WBC



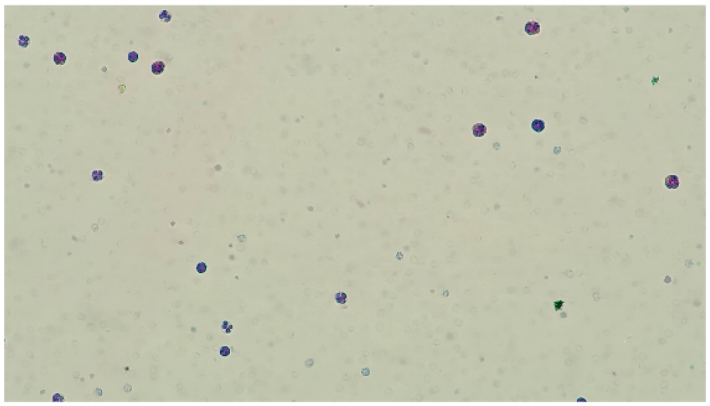
RBC



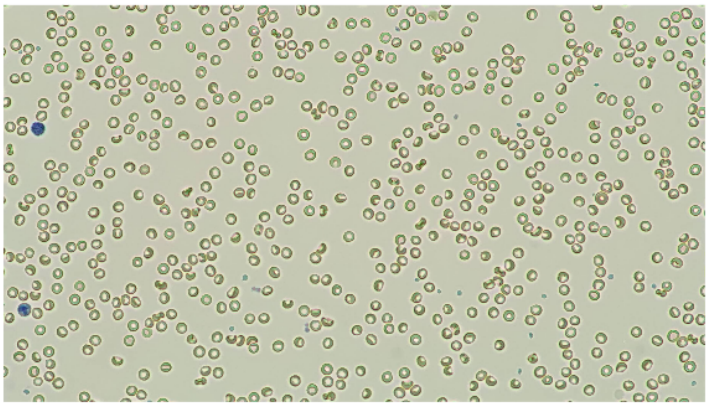
PLT



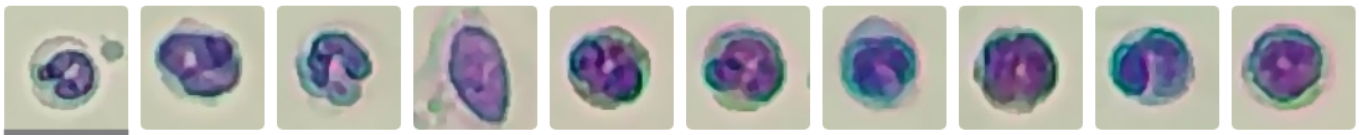
WBC images



RBC&PLT images



NST# 0.10 10^3/uL



STD image

Number：9 sheets/143 images/754 images

NSG# 8.08 10^3/uL

STD image

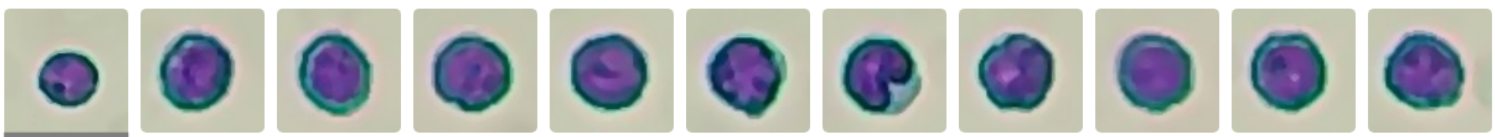
Number：866 sheets/143 images/754 images

NSH# 0.41 10^3/uL

STD image

Number：37 sheets/143 images/754 images

SLYM# 2.11 10^3/uL



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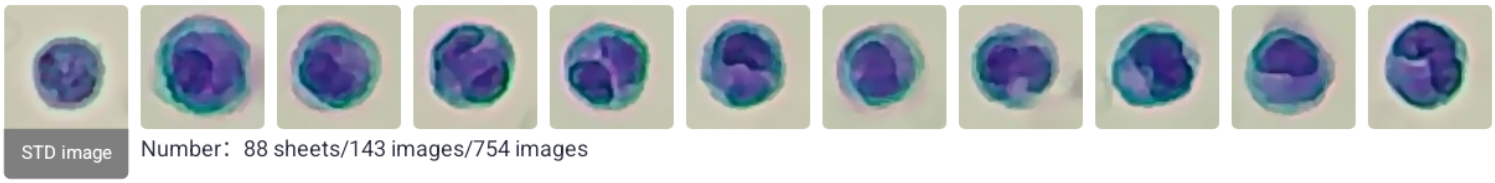
Report No.:2606240002 Pet Name:FLOW FLOW Pet type:Canine

MON# 0.82 10^3/uL



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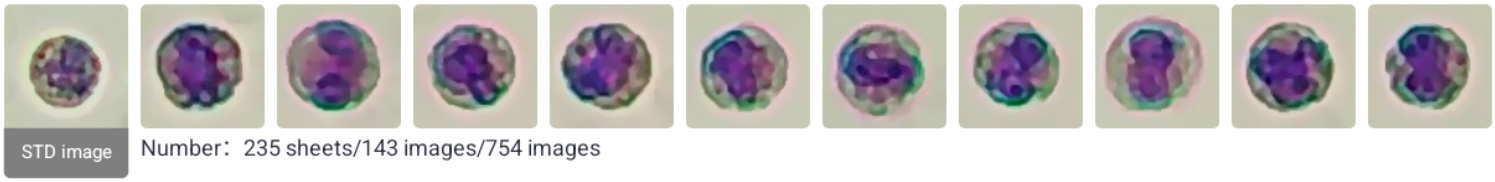
EOS# 2.37 10^3/uL



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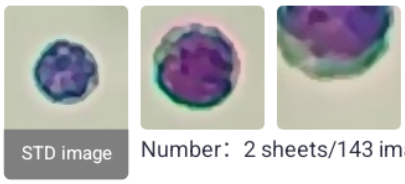
BAS# 0.03 10^3/uL

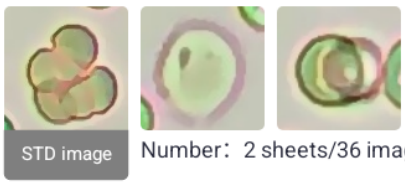


Number：2 sheets/143 images/754 images

RET# 70.48 10^3/uL

Number：685 sheets/143 images/754 images

AGG# 0.42 10^3/uL



Number：2 sheets/36 images/754 images

P-LCC 21.13 10^3/uL

Number：1309 sheets/575 images/754 images

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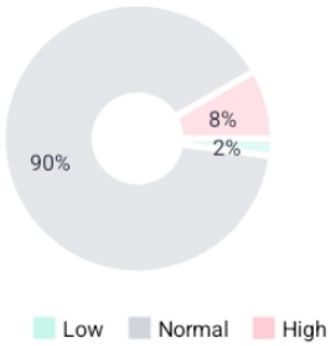
Hospital Address:SM CITY CDO UPTOWN Contact number:09061211260

Report No.:2606240002 Pet Name:FLOW FLOW 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# 0.41 10^3/uL ↑ (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 → 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# 2.37 10^3/uL ↑ (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 ↑ (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.

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