

BATINGA AMC Test Report of Hematology Analysis

Hospital Address:SM CITY CDO UPTOWN

Contact number:09061211260

Report No.:2606170001

Medical No.: 117066

Test Time:2026.06.17 10:08:47

Pet Name:XIAO BAI

Pet type:Feline

Gender:Female

Age:3 Year

Sample Type:Whole blood

Owner:

Parameters	Result	Reference range	Low	Normal	High
01. WBC (White blood cell count)	4.16 10 ³ /uL	2.87-17.02			
NEU# (Neutrophil count)	2.14 10 ³ /uL↓	2.30-10.29			
NST# (Band neutrophil count)	0.00 10 ³ /uL	0.00-0.80			
NSG# (Segmented neutrophil count)	2.01 10 ³ /uL↓	2.30-12.50			
NSH# (Hypersegmented neutrophil count)	0.13 10 ³ /uL	0.00-0.30			
LYM# (Lymphocyte count)	1.12 10 ³ /uL	0.92-6.88			
SLYM# (Small lymphocyte count)	1.12 10 ³ /uL	0.92-6.88			
LLYM# (Large lymphocyte count)	0.00 10 ³ /uL	0.00-0.00			
MON# (Monocyte count)	0.68 10 ³ /uL↑	0.05-0.67			
EOS# (Eosinophil count)	0.21 10 ³ /uL	0.17-1.57			
BAS# (Basophil count)	0.00 10 ³ /uL	0.00-0.26			
NEU% (Neutrophil ratio)	51.41 %	38.00-80.00			
NST/WBC% (Band neutrophil ratio)	0.00 %	0.00-10.00			
NST/NEU% (Band neutrophil ratio)	0.00 %	0.00-15.00			
NSG% (Segmented neutrophil ratio)	48.33 %	35.00-75.00			
NSH/WBC% (Hypersegmented neutrophil ratio)	3.08 %↑	0.00-3.00			
NSH/NEU% (Hypersegmented neutrophil ratio)	6.00 %↑	0.00-4.00			
LYM% (Lymphocyte ratio)	26.99 %	16.00-47.50			
MON% (Monocyte ratio)	16.45 %↑	1.00-7.60			
EOS% (Eosinophil ratio)	5.14 %	1.00-11.10			
BAS% (Basophil ratio)	0.00 %	0.00-0.70			
02. RBC (Red blood cell count)	6.75 10 ⁶ /uL	6.54-12.20			
HGB (Hemoglobin concentration)	9.18 g/dL↓	9.80-16.20			
HCT (Hematocrit)	27.49 %↓	30.30-52.30			
MCV (Mean red cell volume)	40.70 fL	35.90-53.10			
MCH (Mean Hb per RBC)	13.60 pg	11.80-17.30			
MCHC (Mean Hb conc in RBC)	33.40 g/dL	28.10-35.80			
RDW-CV (RBC dist width-CV)	21.54 %	20.90-33.60			
RDW-SD (RBC dist width-SD)	18.02 fL	16.00-27.40			
HDW-CV (Hb dist width-CV)	14.70 %	7.00-30.00			
HDW-SD (Hb dist width-SD)	0.20 g/dL	0.20-0.80			
RET# (Reticulocyte count)	0.64 10 ³ /uL↓	3.00-50.00			
RET% (Reticulocyte ratio)	0.01 %	0.00-1.00			
ETG# (Shadow red cell count)	0.00 10 ¹² /L	0.00-0.06			
ETG% (Shadow red cell ratio)	0.00 %	0.00-2.50			
SPH# (Spherocyte count)	2.96 10 ⁹ /L	0.00-193.66			
SPH% (Spherocyte ratio)	0.04 %	0.00-2.71			
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)	185.36 10 ³ /uL	151.00-600.00			
MPV (Mean platelet volume)	12.76 fL	11.40-21.60			
PDW (Platelet distribution width)	19.50 fL↑	9.10-19.40			
PCT (Plateletcrit)	0.24 %	0.17-0.86			
APLT# (Aggregated platelet count)	0.00 10 ³ /uL	0.00-0.15			
P-LCC (Large platelet count)	11.12 10 ³ /uL	0.00-103.00			
P-LCR (Large platelet ratio)	6.00 %	0.00-30.00			

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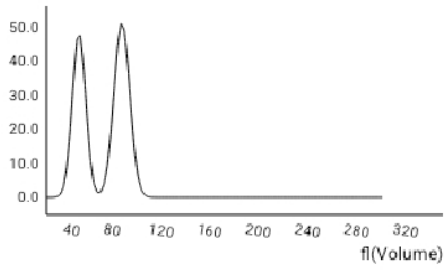
Contact number:09061211260

Report No.:2606170001

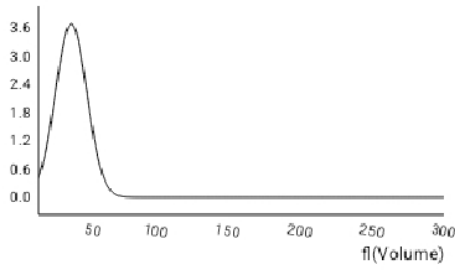
Pet Name:XIAO BAI

Pet type:Feline

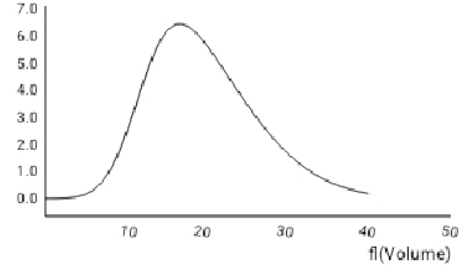
WBC



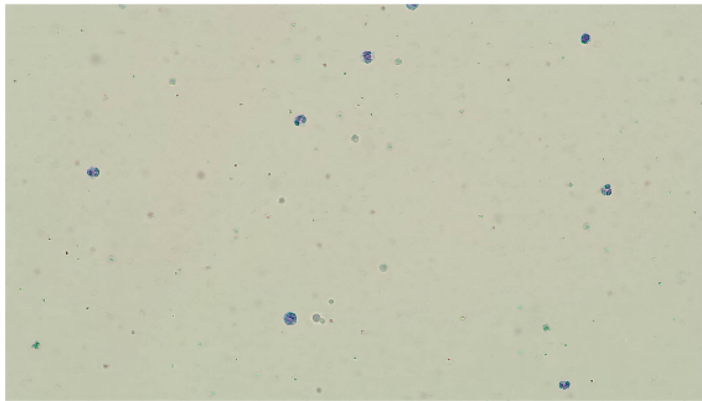
RBC



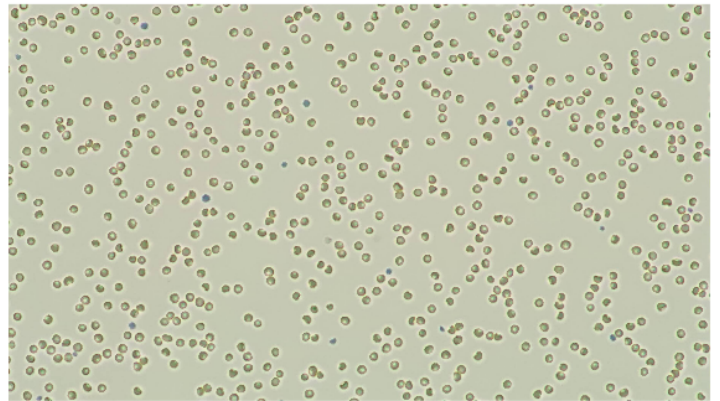
PLT



WBC images



RBC&PLT images

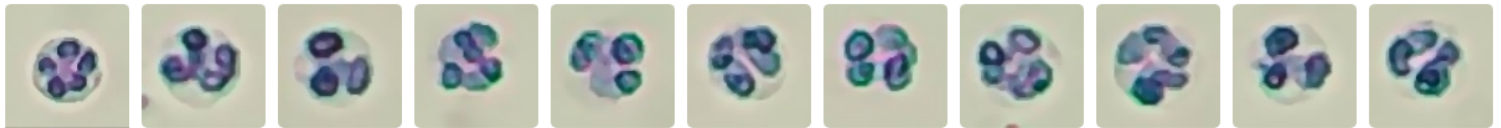


NSG# 2.01 10³/uL



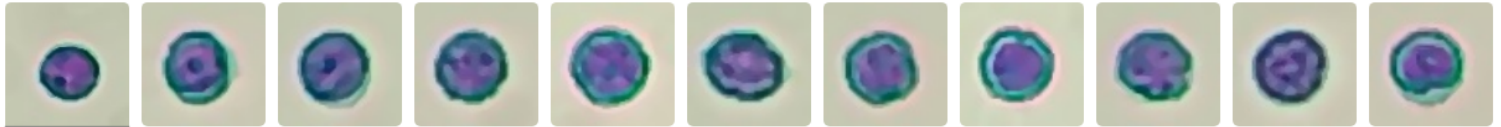
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NSH# 0.13 10³/uL



STD image Number: 13 sheets/143 images/754 images

SLYM# 1.12 10³/uL



STD image Number: 114 sheets/143 images/754 images

MON# 0.68 10³/uL



STD image Number: 72 sheets/143 images/754 images

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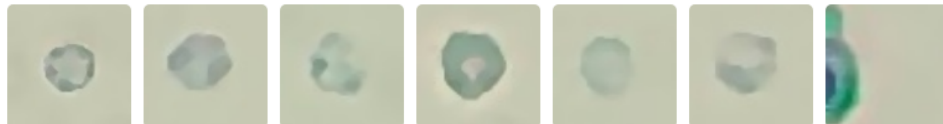
Pet type: Feline

EOS# 0.21 $10^3/uL$



STD image Number: 23 sheets/143 images/754 images

RET# 0.64 $10^3/uL$



STD image Number: 6 sheets/143 images/754 images

ETG# 0.00 $10^{12}/L$



STD image Number: 2 sheets/36 images/754 images

SPH# 2.96 $10^9/L$



STD image Number: 7 sheets/36 images/754 images

P-LCC 11.12 $10^3/uL$



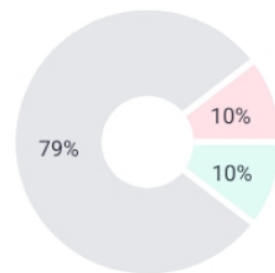
STD image Number: 752 sheets/575 images/754 images

1. Bone marrow-derived injury or chronic wasting disease

Basis for judgment: An active and severe consumptive or inhibitory process, leading to rapid clearance or insufficient production of peripheral neutrophils (including mature forms). Simultaneously, the body is mobilizing the monocyte-macrophage system for compensation or response.

2. Anemia

Basis for judgment: Decreased HGB with a Within Normal Range RBC count suggests hypochromic anemia, commonly seen in chronic blood loss or Hemolytic Anemia, accompanied by fatigue, pale mucous membranes, etc.



Low Normal High

MON# 0.68 $10^3/uL$ ↑ (0.05-0.67)

-Clinical indication: Increased absolute monocyte count, associated with inflammation, tissue necrosis, phagocytic demand, glucocorticoids, etc.

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

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NEU# 2.14 $10^3/uL$ ↓ (2.30-10.29)

-Clinical indication:Neutropenia, suggesting severe infection (e. g. , sepsis), viral infection, drug reaction, bone marrow suppression, or consumptive loss.
-Basis for judgment:[4] indicates that neutropenia can be caused by drugs, viral infections, autoimmune diseases, or bone marrow diseases, easily leading to secondary severe infections.

NSG# 2.01 $10^3/uL$ ↓ (2.30-12.50)

-Clinical indication:Segmented neutropenia, severe infection/chronic inflammation/consumption, bone marrow production disorder, or stress response.
-Basis for judgment:[2] points out that segmented neutropenia is related to low bone marrow function or consumption after acute inflammation. It shows insufficient production or excessive consumption of mature neutrophils.

HGB 9.18 g/dL ↓ (9.80-16.20)

-Clinical indication:Decreased Hemoglobin, suggesting anemia

-Basis for judgment:Commonly seen in acute/Chronic Hemorrhagic Anemia, Hemolytic Anemia, Nutritional Anemia, Aplastic Anemia, etc.

Possible diseases and basis for inference

Acute, severe bacterial sepsis or localized infection (primarily consumptive) High

Acute suppurative peritonitis (e. g. , intestinal perforation), necrotizing pneumonia, infective endocarditis, deep infections caused by multi-drug resistant bacteria.

Chronic Hemorrhagic Anemia High

Characterized by Decreased HGB, associated with persistent bleeding.

[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.