BATINGA AMC Test Report of Hematology Analysis

Hospital Address:SM CITY CDO UPTOWN Contact number:09061211260

Report No.:2607250001	Medical No.: 121628	Test Time:2026.07.25 09:43:29
Pet Name:Ashie	Pet type:Feline	Gender:Female
Age:6 Year	Sample Type:Whole blood	Owner:

Parameters	Result	Reference range	Low / Normal / High
01. WBC (White blood cell count)	14.00 10^3/uL	2.87-17.02	
NEU# (Neutrophil count)	7.32 10^3/uL	2.30-10.29	
NST# (Band neutrophil count)	0.03 10^3/uL	0.00-0.80	
NSG# (Segmented neutrophil count)	6.91 10^3/uL	2.30-12.50	
NSH# (Hypersegmented neutrophil count)	0.38 10^3/uL↑	0.00-0.30	
LYM# (Lymphocyte count)	5.19 10^3/uL	0.92-6.88	
SLYM# (Small lymphocyte count)	5.19 10^3/uL	0.92-6.88	
LLYM# (Large lymphocyte count)	0.00 10^3/uL	0.00-0.00	
MON# (Monocyte count)	0.35 10^3/uL	0.05-0.67	
EOS# (Eosinophil count)	1.14 10^3/uL	0.17-1.57	
BAS# (Basophil count)	0.00 10^3/uL	0.00-0.26	
NEU% (Neutrophil ratio)	52.29 %	38.00-80.00	
NST/WBC% (Band neutrophil ratio)	0.21 %	0.00-10.00	
NST/NEU% (Band neutrophil ratio)	0.40 %	0.00-15.00	
NSG% (Segmented neutrophil ratio)	49.37 %	35.00-75.00	
NSH/WBC% (Hypersegmented neutrophil ratio)	2.71 %	0.00-3.00	
NSH/NEU% (Hypersegmented neutrophil ratio)	5.18 %↑	0.00-4.00	
LYM% (Lymphocyte ratio)	37.08 %	16.00-47.50	
MON% (Monocyte ratio)	2.50 %	1.00-7.60	
EOS% (Eosinophil ratio)	8.13 %	1.00-11.10	
BAS% (Basophil ratio)	0.00 %	0.00-0.70	
02. RBC (Red blood cell count)	10.51 10^6/uL	6.54-12.20	
HGB (Hemoglobin concentration)	14.17 g/dL	9.80-16.20	
HCT (Hematocrit)	42.94 %	30.30-52.30	
MCV (Mean red cell volume)	40.86 fL	35.90-53.10	
MCH (Mean Hb per RBC)	13.48 pg	11.80-17.30	
MCHC (Mean Hb conc in RBC)	32.99 g/dL	28.10-35.80	
RDW-CV (RBC dist width-CV)	21.44 %	20.90-33.60	
RDW-SD (RBC dist width-SD)	18.65 fL	16.00-27.40	
HDW-CV (Hb dist width-CV)	14.60 %	7.00-30.00	
HDW-SD (Hb dist width-SD)	0.20 g/dL↓	0.20-0.80	
RET# (Reticulocyte count)	10.60 10^3/uL	0.00-30.00	
RET% (Reticulocyte ratio)	0.10 %	0.00-0.34	
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)	0.42 10^9/L	0.00-193.66	
SPH% (Spherocyte ratio)	0.00 %	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)	309.37 10^3/uL	151.00-600.00	
MPV (Mean platelet volume)	11.09 fL↓	11.40-21.60	
PDW (Platelet distribution width)	18.87 fL	9.10-19.40	
PCT (Plateletcrit)	0.34 %	0.17-0.86	
APLT# (Aggregated platelet count)	0.00 10^3/uL	0.00-0.15	
P-LCC (Large platelet count)	18.56 10^3/uL	0.00-103.00	
P-LCR (Large platelet ratio)	6.00 %	0.00-30.00	

Ozelle Vet

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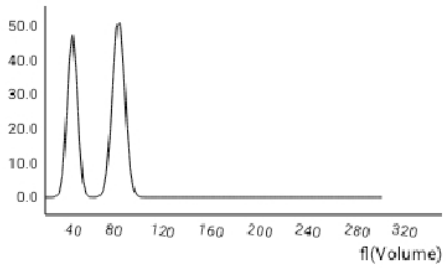
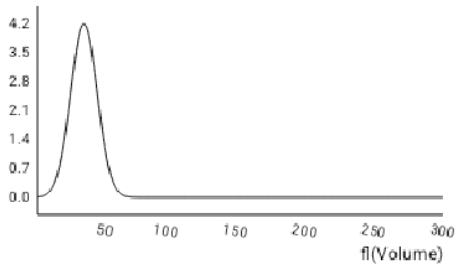
Report No.:2607250001 Pet Name:Ashie Pet type:Feline

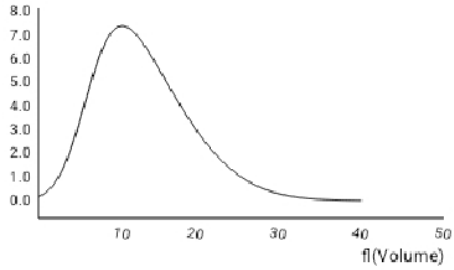
WBC



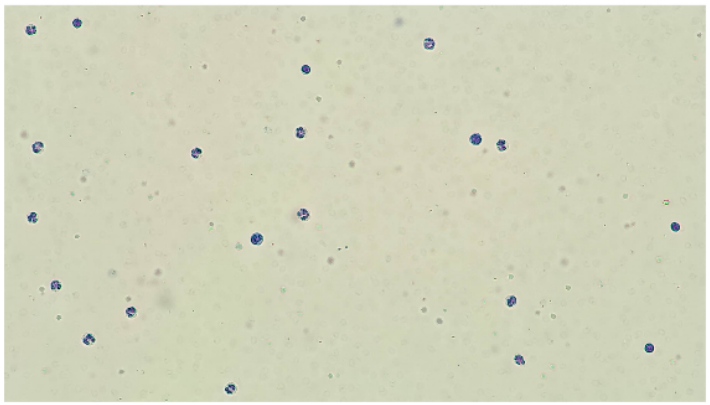
RBC



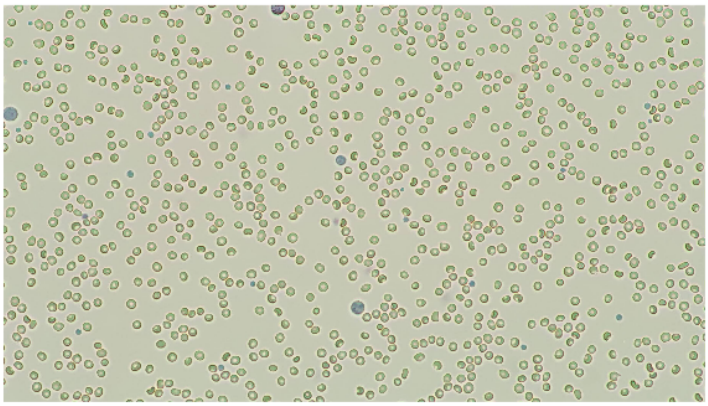
PLT



WBC images



RBC&PLT images



NST# 0.03 10^3/uL

STD image

Number：3 sheets/143 images/754 images

NSG# 6.91 10^3/uL

STD image

Number：732 sheets/143 images/754 images

NSH# 0.38 10^3/uL

STD image

Number：39 sheets/143 images/754 images

SLYM# 5.19 10^3/uL

STD image

Number：546 sheets/143 images/754 images

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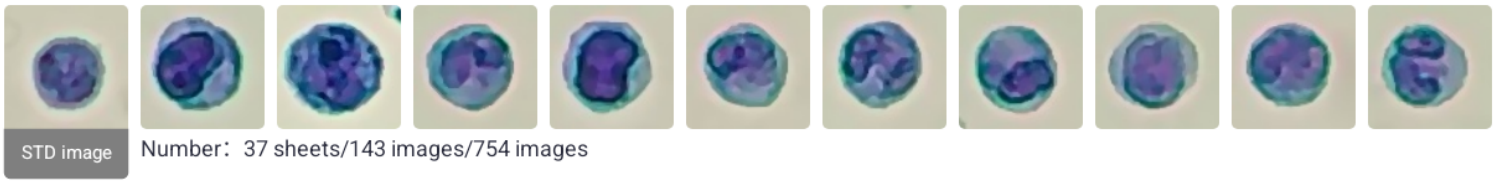
Report No.:2607250001 Pet Name:Ashie Pet type:Feline

MON# 0.35 10^3/uL



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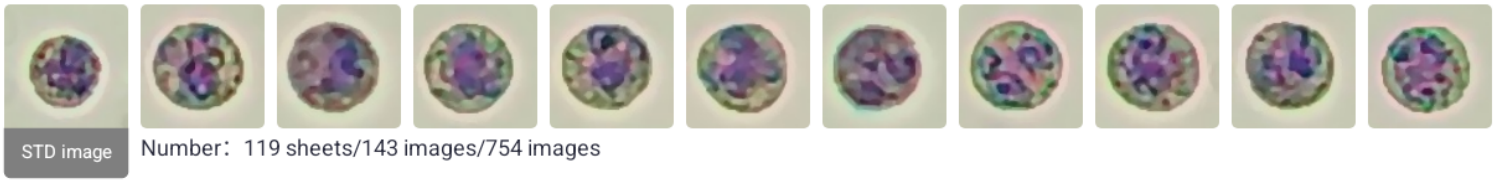
EOS# 1.14 10^3/uL



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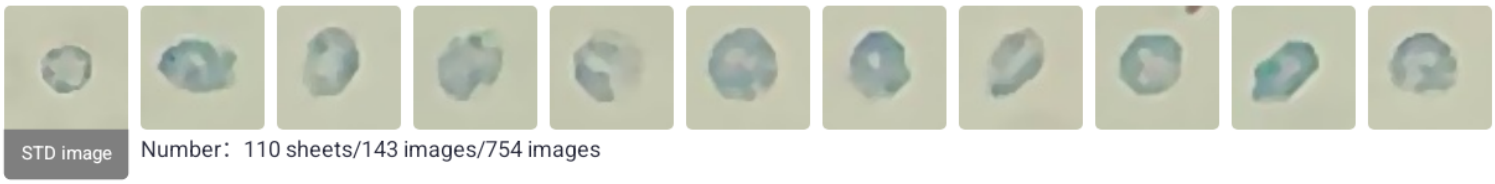
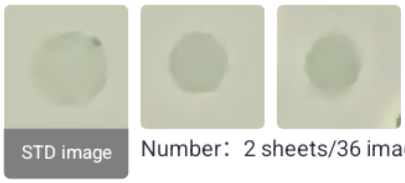
RET# 10.60 10^3/uL



Number：110 sheets/143 images/754 images

ETG# 0.00 10^12/L



Number：2 sheets/36 images/754 images

SPH# 0.42 10^9/L

Number：3 sheets/36 images/754 images

P-LCC 18.56 10^3/uL

Number：1035 sheets/575 images/754 images

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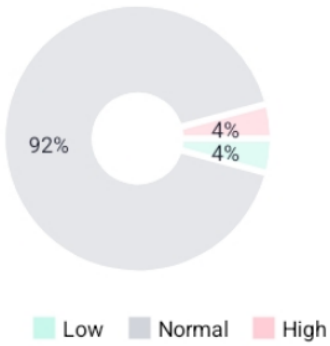
Report No.:2607250001 Pet Name:Ashie Pet type:Feline

1.Chronic inflammatory response
Basis for judgment:Elevated NSH# suggests chronic inflammation or stress, commonly seen in chronic infections or inflammatory diseases, accompanied by fever or localized swelling.

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.



NSH# 0.38 10^3/uL ↑ (0.00-0.30)
-Clinical indication:Neutrophil right shift, commonly seen in Vitamin B 12 or folic acid deficiency, use of antimetabolites, long-term antibiotic or hormone use, metabolic issues, chronic inflammation, etc. A right shift is a sign of declining bone marrow hematopoietic function, often caused by severe systemic exhaustion in serious cases.
-Basis for judgment:Vitamin B 12 or folic acid deficiency affects all rapidly dividing cells, leading to DNA synthesis disorders → delayed nuclear development resulting in a right shift. During the recovery phase of inflammation, a transient neutrophil right shift often occurs. Severe right shift suggests bone marrow failure; in critical illness, exhaustion of hematopoietic function and reduced resistance indicate a poor prognosis;

Possible diseases and basis for inference

Chronic bacterial infection High
Elevated NSH# is closely related to persistent bacterial infections, seen in chronic pyoderma, urinary tract infections, etc.

Chronic inflammatory diseases Medium
Such as chronic pancreatitis or chronic arthritis, which can lead to delayed neutrophil maturation and increased release

Stress-related reaction Low
Long-term environmental stress or psychological pressure can also cause hypersegmented neutrophilia, but organic lesions must be ruled out

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[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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