BATINGA AMC Test Report of Hematology Analysis

Hospital Address:SM CITY CDO UPTOWN Contact number:09061211260

Report No.:2606300005	Medical No.: 121498	Test Time:2026.06.30 14:21:01
Pet Name:MATCHA	Pet type:Feline	Gender:Male
Age: Year	Sample Type:Whole blood	Owner:

Parameters	Result	Reference range	Low	Normal	High
01. WBC (White blood cell count)	15.90 10^3/uL	2.87-17.02			
NEU# (Neutrophil count)	9.84 10^3/uL	2.30-10.29			
NST# (Band neutrophil count)	0.07 10^3/uL	0.00-0.80			
NSG# (Segmented neutrophil count)	9.29 10^3/uL	2.30-12.50			
NSH# (Hypersegmented neutrophil count)	0.47 10^3/uL↑	0.00-0.30			
LYM# (Lymphocyte count)	4.73 10^3/uL	0.92-6.88			
SLYM# (Small lymphocyte count)	4.73 10^3/uL	0.92-6.88			
LLYM# (Large lymphocyte count)	0.00 10^3/uL	0.00-0.00			
MON# (Monocyte count)	0.47 10^3/uL	0.05-0.67			
EOS# (Eosinophil count)	0.86 10^3/uL	0.17-1.57			
BAS# (Basophil count)	0.01 10^3/uL	0.00-0.26			
NEU% (Neutrophil ratio)	61.87 %	38.00-80.00			
NST/WBC% (Band neutrophil ratio)	0.47 %	0.00-10.00			
NST/NEU% (Band neutrophil ratio)	0.76 %	0.00-15.00			
NSG% (Segmented neutrophil ratio)	58.44 %	35.00-75.00			
NSH/WBC% (Hypersegmented neutrophil ratio)	2.96 %	0.00-3.00			
NSH/NEU% (Hypersegmented neutrophil ratio)	4.78 %↑	0.00-4.00			
LYM% (Lymphocyte ratio)	29.72 %	16.00-47.50			
MON% (Monocyte ratio)	2.96 %	1.00-7.60			
EOS% (Eosinophil ratio)	5.38 %	1.00-11.10			
BAS% (Basophil ratio)	0.07 %	0.00-0.70			
02. RBC (Red blood cell count)	8.87 10^6/uL	6.54-12.20			
HGB (Hemoglobin concentration)	10.38 g/dL	9.80-16.20			
HCT (Hematocrit)	31.22 %	30.30-52.30			
MCV (Mean red cell volume)	35.18 fL↓	35.90-53.10			
MCH (Mean Hb per RBC)	11.70 pg↓	11.80-17.30			
MCHC (Mean Hb conc in RBC)	33.26 g/dL	28.10-35.80			
RDW-CV (RBC dist width-CV)	20.32 %↓	20.90-33.60			
RDW-SD (RBC dist width-SD)	15.72 fL↓	16.00-27.40			
HDW-CV (Hb dist width-CV)	18.64 %	7.00-30.00			
HDW-SD (Hb dist width-SD)	0.22 g/dL	0.20-0.80			
RET# (Reticulocyte count)	14.54 10^3/uL	3.00-50.00			
RET% (Reticulocyte ratio)	0.16 %	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)	1.27 10^9/L	0.00-193.66			
SPH% (Spherocyte ratio)	0.01 %	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)	238.47 10^3/uL	151.00-600.00			
MPV (Mean platelet volume)	13.86 fL	11.40-21.60			
PDW (Platelet distribution width)	17.61 fL	9.10-19.40			
PCT (Plateletcrit)	0.33 %	0.17-0.86			
APLT# (Aggregated platelet count)	2.81 10^3/uL↑	0.00-0.15			
P-LCC (Large platelet count)	14.31 10^3/uL	0.00-103.00			
P-LCR (Large platelet ratio)	6.00 %	0.00-30.00			

Ozelle Vet

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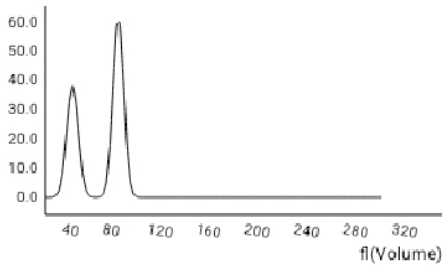
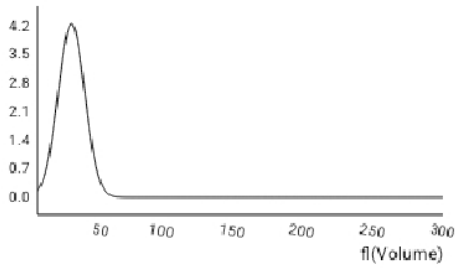
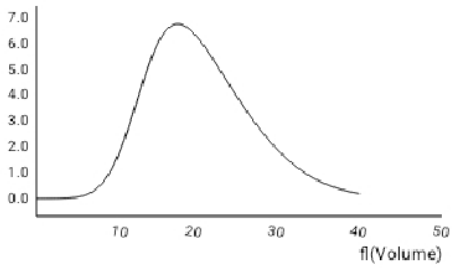
WBC



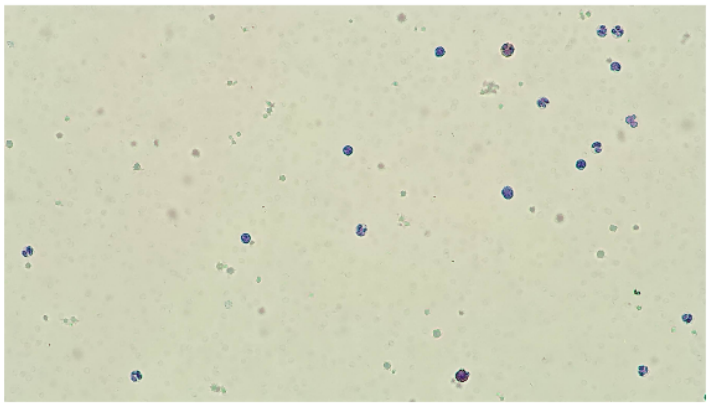
RBC



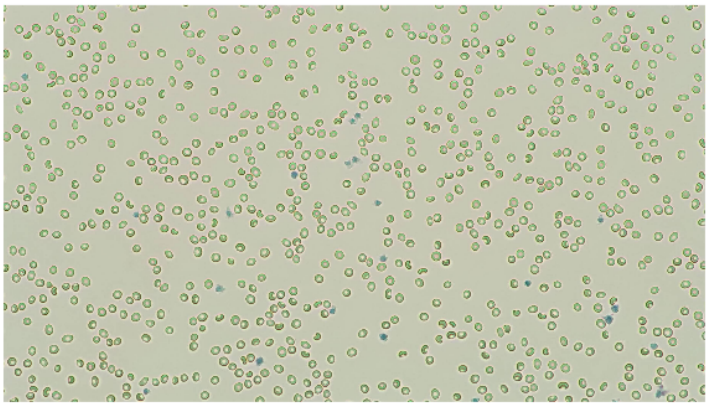
PLT



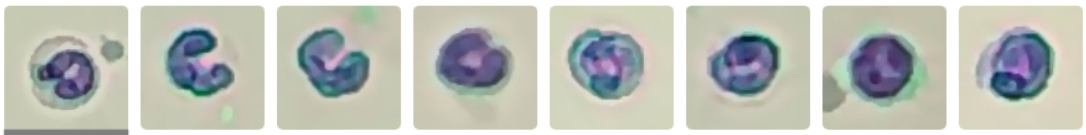
WBC images



RBC&PLT images



NST# 0.07 10^3/uL



STD image

Number：7 sheets/143 images/754 images

NSG# 9.29 10^3/uL

STD image

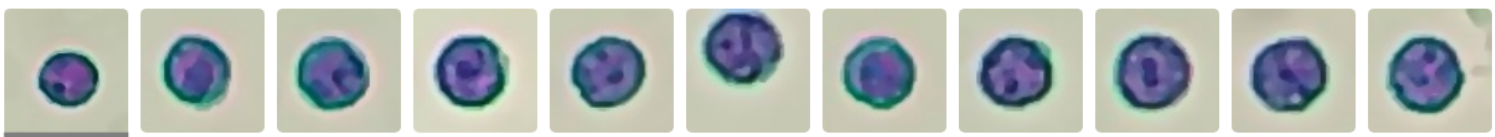
Number：970 sheets/143 images/754 images

NSH# 0.47 10^3/uL

STD image

Number：51 sheets/143 images/754 images

SLYM# 4.73 10^3/uL



STD image

Number：483 sheets/143 images/754 images

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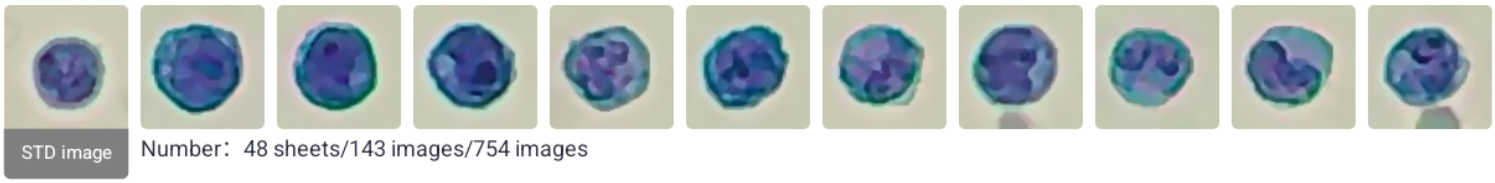
Report No.:2606300005 Pet Name:MATCHA Pet type:Feline

MON# 0.47 10^3/uL



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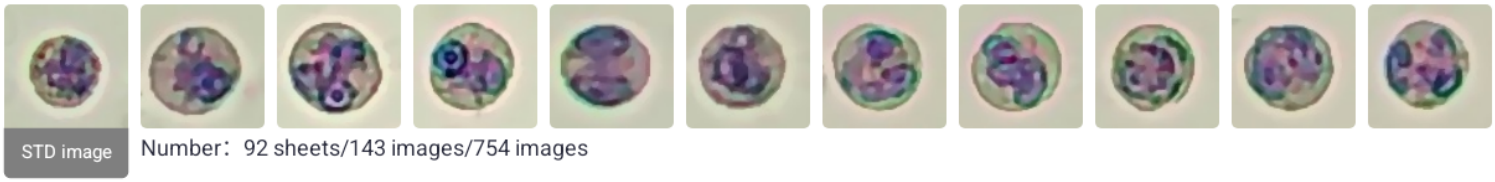
EOS# 0.86 10^3/uL



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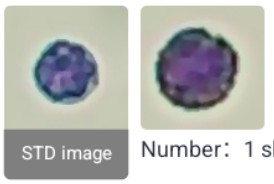
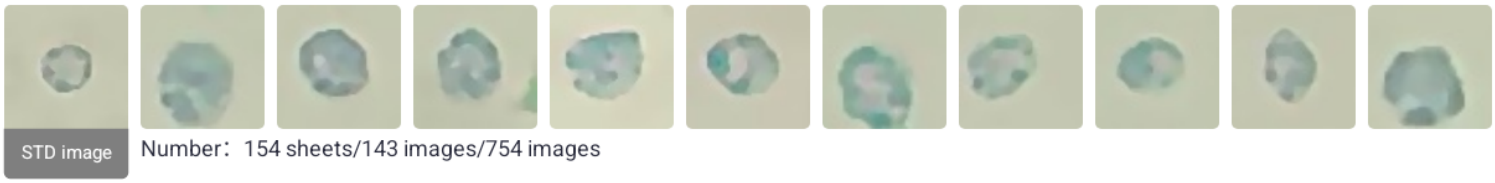
BAS# 0.01 10^3/uL



Number：1 sheets/143 images/754 images

RET# 14.54 10^3/uL

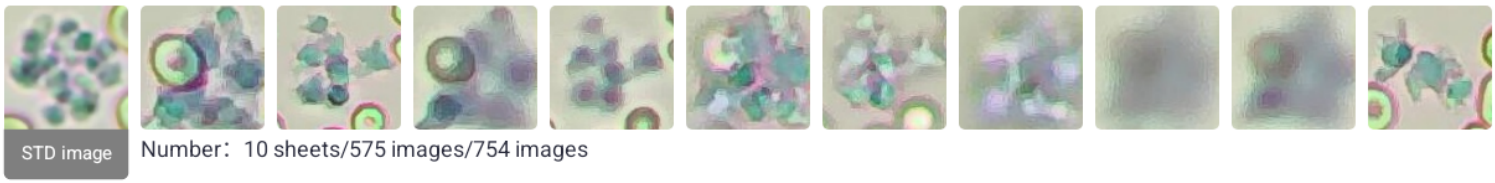


Number：154 sheets/143 images/754 images

SPH# 1.27 10^9/L

Number：3 sheets/36 images/754 images

APLT# 2.81 10^3/uL



Number：10 sheets/575 images/754 images

P-LCC 14.31 10^3/uL

Number：946 sheets/575 images/754 images

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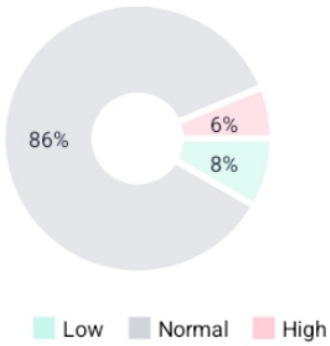
Report No.:2606300005 Pet Name:MATCHA Pet type:Feline

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.Microcytic Hypochromic Anemia
Basis for judgment:Simultaneous Decrease in MCV and MCH suggests reduced red blood cell volume and Hemoglobin Content, commonly seen in iron deficiency anemia, manifesting as fatigue and pallor.



NSH# 0.47 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;

MCV 35.18 fL ↓ (35.90-53.10)
-Clinical indication:Microcytic Anemia
-Basis for judgment:Decreased Mean Corpuscular Volume suggests reduced red blood cell size, commonly seen in iron deficiency anemia, anemia of chronic disease, bone marrow failure diseases, and congenital red blood cell abnormalities.

MCH 11.70 pg ↓ (11.80-17.30)
-Clinical indication:Hemoglobin Synthesis Disorder
-Basis for judgment:Indicates insufficient hemoglobin synthesis within red blood cells, most commonly seen clinically in hypochromic anemia (iron deficiency anemia, abnormal bone marrow hematopoietic function, or deficiency of enzymes related to hemoglobin synthesis).

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.

Iron Deficiency Anemia High
Decreased MCV and MCH are typical hematological manifestations of iron deficiency, consistent with the characteristics described in [3] and [4].

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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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