

BATINGA AMC Test Report of Hematology Analysis

Hospital Address:SM CITY CDO UPTOWN Contact number:09061211260

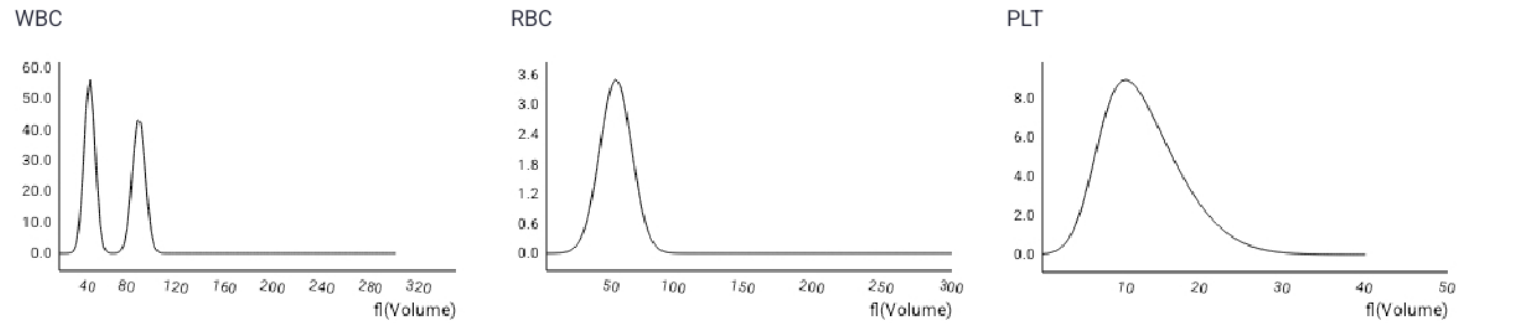
Report No.:2607100001	Medical No.:	Test Time:2026.07.10 11:47:54
Pet Name:CHOCO	Pet type:Canine	Gender:Male
Age:8 Year	Sample Type:Whole blood	Owner:

Parameters	Result	Reference range	Low	Normal	High
01. WBC (White blood cell count)	10.95 10^3/uL	5.05-16.76			
NEU# (Neutrophil count)	4.80 10^3/uL	2.95-11.64			
NST# (Band neutrophil count)	0.14 10^3/uL	0.00-0.80			
NSG# (Segmented neutrophil count)	4.33 10^3/uL	2.50-11.30			
NSH# (Hypersegmented neutrophil count)	0.33 10^3/uL	0.00-0.40			
LYM# (Lymphocyte count)	4.95 10^3/uL	1.05-5.10			
SLYM# (Small lymphocyte count)	4.95 10^3/uL	1.05-5.10			
LLYM# (Large lymphocyte count)	0.00 10^3/uL	0.00-0.00			
MON# (Monocyte count)	0.89 10^3/uL	0.16-1.12			
EOS# (Eosinophil count)	0.31 10^3/uL	0.06-1.23			
BAS# (Basophil count)	0.00 10^3/uL	0.00-0.10			
NEU% (Neutrophil ratio)	43.85 %↓	52.00-78.00			
NST/WBC% (Band neutrophil ratio)	1.32 %	0.00-10.00			
NST/NEU% (Band neutrophil ratio)	3.01 %	0.00-20.00			
NSG% (Segmented neutrophil ratio)	39.56 %↓	50.00-75.00			
NSH/WBC% (Hypersegmented neutrophil ratio)	2.97 %	0.00-5.00			
NSH/NEU% (Hypersegmented neutrophil ratio)	6.77 %	0.00-7.00			
LYM% (Lymphocyte ratio)	45.16 %↑	16.00-41.50			
MON% (Monocyte ratio)	8.13 %	1.00-13.00			
EOS% (Eosinophil ratio)	2.86 %	0.50-11.85			
BAS% (Basophil ratio)	0.00 %	0.00-0.90			
02. RBC (Red blood cell count)	6.94 10^6/uL	5.65-8.87			
HGB (Hemoglobin concentration)	14.19 g/dL	13.10-20.50			
HCT (Hematocrit)	41.05 %	37.30-61.70			
MCV (Mean red cell volume)	59.13 fL↓	61.60-73.50			
MCH (Mean Hb per RBC)	20.44 pg↓	21.20-25.90			
MCHC (Mean Hb conc in RBC)	34.58 g/dL	32.00-37.90			
RDW-CV (RBC dist width-CV)	12.14 %	11.20-17.10			
RDW-SD (RBC dist width-SD)	27.10 fL	25.60-41.60			
HDW-CV (Hb dist width-CV)	15.93 %	7.00-20.00			
HDW-SD (Hb dist width-SD)	0.33 g/dL	0.20-0.80			
RET# (Reticulocyte count)	65.00 10^3/uL	3.00-110.00			
RET% (Reticulocyte ratio)	0.94 %	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)	0.00 10^3/uL	0.00-0.15			
03. PLT (Platelet count)	133.37 10^3/uL↓	148.00-484.00			
MPV (Mean platelet volume)	11.03 fL	8.70-13.20			
PDW (Platelet distribution width)	16.11 fL	9.10-19.40			
PCT (Plateletcrit)	0.15 %	0.14-0.46			
APLT# (Aggregated platelet count)	0.00 10^3/uL	0.00-0.15			
P-LCC (Large platelet count)	8.00 10^3/uL	0.00-66.00			
P-LCR (Large platelet ratio)	6.00 %	0.00-25.00			

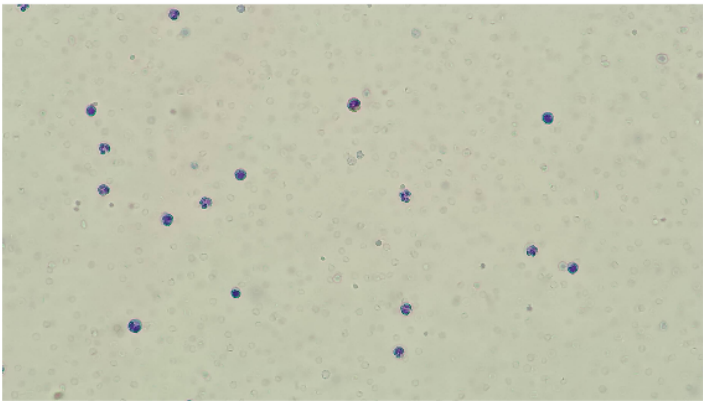
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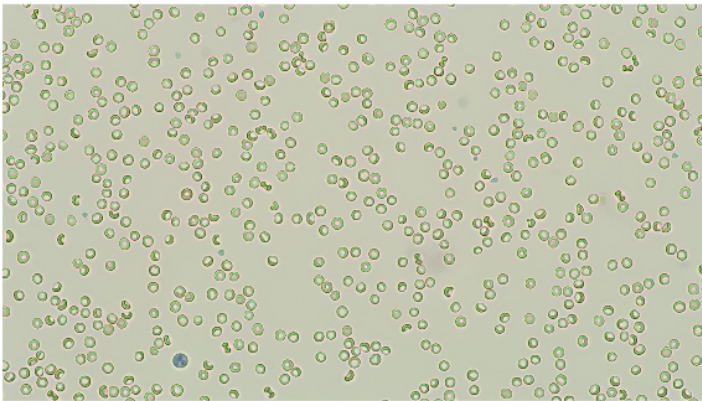
Report No.:2607100001	Pet Name:CHOCO	Pet type:Canine
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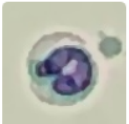
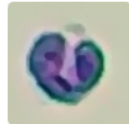
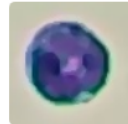
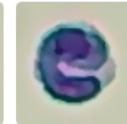
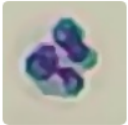
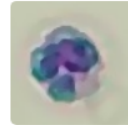
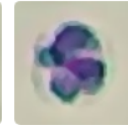
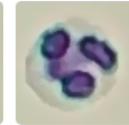
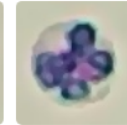
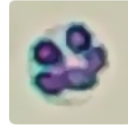
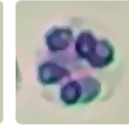
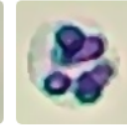
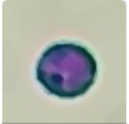
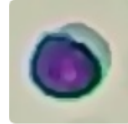


WBC images



RBC&PLT images



NST#	0.14 10 ³ /uL	          
STD image	Number: 14 sheets/143 images/754 images	
NSG#	4.33 10 ³ /uL	          
STD image	Number: 461 sheets/143 images/754 images	
NSH#	0.33 10 ³ /uL	          
STD image	Number: 35 sheets/143 images/754 images	
SLYM#	4.95 10 ³ /uL	          
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MON#

0.89 10³/uL



STD image Number: 94 sheets/143 images/754 images

EOS#

0.31 10³/uL



STD image Number: 32 sheets/143 images/754 images

RET#

65.00 10³/uL



STD image Number: 667 sheets/143 images/754 images

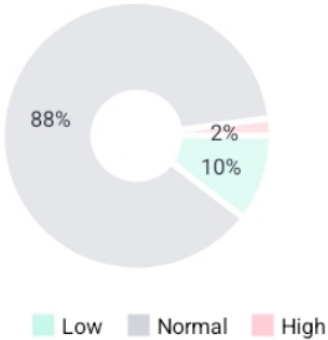
P-LCC

8.00 10³/uL



STD image Number: 589 sheets/575 images/754 images

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.



MCV 59.13 fL ↓ (61.60-73.50)
-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 20.44 pg ↓ (21.20-25.90)
-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

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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Anemia of Chronic Disease (Iron Utilization Disorder Type) Medium
Abnormal iron metabolism leads to suppressed erythropoiesis, which can present with microcytic hypochromic changes.
Sideroblastic Anemia (Early Stage) Low
Although rare, early stages can manifest as microcytic hypochromic anemia; confirmation via iron staining is required.

[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.