

Hematology Analysis Report



Patient:	COTTON	Species:	Canine	Patient ID:	118638
Client:	MANERE	Gender:	Male	Sample No.:	03
Doctor:	Dr. Dan Batinga	Age:		Time of analysis:	2025/06/08 19:10

Para.		Current result		Ref. Ranges	
WBC Para.	WBC	L	0.42 10 ³ /uL	5.32-16.92	
	Neu#	L	0.26 10 ³ /uL	3.05-12.10	
	Lym#	L	0.00 10 ³ /uL	0.70-4.95	
	Mon#	L	0.00 10 ³ /uL	0.20-1.38	
	Eos#		0.15 10 ³ /uL	0.04-1.28	
	Bas#		0.00 10 ³ /uL	0.00-0.13	
	Neu%		60.8 %	42.0-84.0	
	Lym%	L	0.4 %	6.0-40.0	
	Mon%	L	1.0 %	2.5-12.0	
	Eos%	H	36.9 %	0.3-11.0	
RBC Para.	Bas%		0.9 %	0.0-1.0	
	RBC		8.31 10 ⁶ /uL	5.20-8.69	
	HGB		13.0 g/dL	11.5-20.1	
	HCT		42.8 %	35.0-60.0	
	MCV	L	51.5 fL	60.0-77.5	
	MCH	L	15.6 pg	20.0-27.0	
	MCHC		30.4 g/dL	30.0-38.0	
	RDW-CV		15.4 %	11.3-18.9	
PLT Para.	RDW-SD		29.7 fL	29.1-55.1	
	PLT		156 10 ³ /uL	140-520	
	MPV		10.7 fL	7.6-16.1	
	PDW	L	13.6	13.8-17.9	
	PCT		0.166 %	0.120-0.700	
	P-LCC		43 10 ³ /uL	25-180	
	P-LCR		27.3 %	10.0-57.0	
	IPF	H	52.6 %	0.4-17.1	
RET Para.	RET#		52.40 10 ³ /uL	9.00-115.00	
	RET%		0.63 %	0.16-1.95	
	IRF		3.4 %	0.0-45.1	
	LFR		96.6 %	56.0-100.0	
	MFR		3.4 %	0.0-26.0	
	HFR		0.0 %	0.0-22.0	
	RHE	L	17.0 pg	20.0-28.3	

The results only applies to this test sample. Test Instrument: Mindray BC-60R Vet Time of Printing: 2025-06-08 19:16:45



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Operator:User



Diagnosis implications:

Microcytosis
Lymphopenia

Leukocytopenia
WBC Scattergram Abn

Neutropenia

Report Explan.

Microcytosis

It occurs in particular animal breed (such as Akita dog, Shar-Pei dog, and Shiba Inu), iron deficiency anemia, sideroblastic anemia, portal vein shunt, and hereditary erythropoiesis disorder (such as English Springer Spaniel)

Leukocytopenia

It occurs in virus infection, parasitic infection, aplastic anemia, agranulocytosis, etc

Neutropenia

It occurs in particular animal breed (such as Australian shepherd and Labrador retriever), infection (such as parvovirus and ehrlichia), drug treatment (such as estrogen, phenylbutazone and phenobarbital), immune-mediated disease, myeloma (such as leukemia, lymphoma and histiocytic sarcoma), etc

Lymphopenia

It occurs in stress response or corticosteroid response, viral diseases (such as parvovirus), drug treatment (such as chemotherapy drugs and long-term use of corticosteroid), and lymphoid fluid loss (chylothorax and lymphangiectasia)

WBC Scattergram Abn

The DIFF scattergram may be abnormal due to abnormal lymphocytes, immature granulocytes, blasts, etc

Note: Due to the complexity and individuality of disease diagnosis, the report interpretation is only for your reference. Please consult your doctors for clinical diagnosis results.
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