

# Hematology Analysis Report



Patient:	COOPER	Species:	Canine	Patient ID:	118163
Client:	ROA	Gender:	Male	Sample No.:	1
Doctor:	Dr. Chrislyn Sanlao	Age:		Time of analysis:	2025/04/12 13:04

Para.		Current result		Ref. Ranges	
WBC Para.	WBC	H	19.89 10 <sup>3</sup> /uL	5.32-16.92	
	Neu#	H	16.89 10 <sup>3</sup> /uL	3.05-12.10	
	Lym#	L	0.46 10 <sup>3</sup> /uL	0.70-4.95	
	Mon#	H	2.43 10 <sup>3</sup> /uL	0.20-1.38	
	Eos#		0.10 10 <sup>3</sup> /uL	0.04-1.28	
	Bas#		0.02 10 <sup>3</sup> /uL	0.00-0.13	
	Neu%	H	84.9 %	42.0-84.0	
	Lym%	L	2.3 %	6.0-40.0	
	Mon%	H	12.2 %	2.5-12.0	
	Eos%		0.5 %	0.3-11.0	
	Bas%		0.1 %	0.0-1.0	
RBC Para.	RBC		7.37 10 <sup>6</sup> /uL	5.20-8.69	
	HGB		16.2 g/dL	11.5-20.1	
	HCT		48.3 %	35.0-60.0	
	MCV		65.5 fL	60.0-77.5	
	MCH		22.0 pg	20.0-27.0	
	MCHC		33.5 g/dL	30.0-38.0	
	RDW-CV		13.6 %	11.3-18.9	
	RDW-SD		33.5 fL	29.1-55.1	
PLT Para.	PLT	L	43 10 <sup>3</sup> /uL	140-520	
	MPV		10.0 fL	7.6-16.1	
	PDW		15.5	13.8-17.9	
	PCT	L	0.043 %	0.120-0.700	
	P-LCC	L	10 10 <sup>3</sup> /uL	25-180	
	P-LCR		24.0 %	10.0-57.0	
	IPF	H	26.7 %	0.4-17.1	
RET Para.	RET#		10.30 10 <sup>3</sup> /uL	9.00-115.00	
	RET%	L	0.14 %	0.16-1.95	
	IRF		8.3 %	0.0-45.1	
	LFR		91.7 %	56.0-100.0	
	MFR		8.3 %	0.0-26.0	
	HFR		0.0 %	0.0-22.0	
	RHE		22.7 pg	20.0-28.3	

The results only applies to this test sample.

Test Instrument:Mindray BC-60R Vet

Time of Printing:2025-04-12 13:07:09

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Operator:



## Diagnosis implications:

**Neutrophilia**

**Thrombocytopenia**

**Lymphopenia**

**Band cell suspected**

**Monocytosis**

## Report Explan.

### Neutrophilia

It occurs in stress response or corticosteroid response, inflammation, granulocytic leukemia, and immune-mediated diseases

### 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)

### Monocytosis

It occurs in stress response or corticosteroid response, bacterial/fungal/protozoal infections, immune-mediated diseases, paraneoplastic reactions (such as lymphoma), monocytic leukemia, etc

### Thrombocytopenia

It occurs in pseudo-reduction caused by PLT clump, infection, hemorrhage, disseminated intravascular coagulation, immune-mediated diseases, drug treatment, and tuberculosis of bone marrow

### Band cell suspected

Possible presence of band cells and/or toxic neutrophils, and it occurs in infection and inflammation

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. The results only applies to this test sample.

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