

# Hematology Analysis Report



Patient:	POGI	Species:	Canine	Patient ID:	118210
Client:	MARY ANN ONG	Gender:	Male	Sample No.:	3
Doctor:		Age:	5Months	Time of analysis:	2025/04/16 09:18

Para.		Current result		Ref. Ranges	
WBC Para.	WBC	L	3.00 10 <sup>3</sup> /uL	5.32-16.92	
	Neu#	L	2.28 10 <sup>3</sup> /uL	3.05-12.10	
	Lym#	L	0.46 10 <sup>3</sup> /uL	0.70-4.95	
	Mon#	L	0.19 10 <sup>3</sup> /uL	0.20-1.38	
	Eos#		0.05 10 <sup>3</sup> /uL	0.04-1.28	
	Bas#		0.02 10 <sup>3</sup> /uL	0.00-0.13	
	Neu%		75.9 %	42.0-84.0	
	Lym%		15.4 %	6.0-40.0	
	Mon%		6.3 %	2.5-12.0	
	Eos%		1.8 %	0.3-11.0	
	Bas%		0.6 %	0.0-1.0	
RBC Para.	RBC		5.22 10 <sup>6</sup> /uL	5.20-8.69	
	HGB		11.7 g/dL	11.5-20.1	
	HCT		35.7 %	35.0-60.0	
	MCV		68.3 fL	60.0-77.5	
	MCH		22.5 pg	20.0-27.0	
	MCHC		32.8 g/dL	30.0-38.0	
	RDW-CV		13.3 %	11.3-18.9	
	RDW-SD		34.4 fL	29.1-55.1	
PLT Para.	PLT	L	75 10 <sup>3</sup> /uL	140-520	
	MPV		11.8 fL	7.6-16.1	
	PDW		15.9	13.8-17.9	
	PCT	L	0.089 %	0.120-0.700	
	P-LCC		32 10 <sup>3</sup> /uL	25-180	
	P-LCR		42.2 %	10.0-57.0	
	IPF	H	40.5 %	0.4-17.1	
RET Para.	RET#		19.30 10 <sup>3</sup> /uL	9.00-115.00	
	RET%		0.37 %	0.16-1.95	
	IRF		8.7 %	0.0-45.1	
	LFR		91.3 %	56.0-100.0	
	MFR		8.7 %	0.0-26.0	
	HFR		0.0 %	0.0-22.0	
	RHE	L	19.8 pg	20.0-28.3	

The results only applies to this test sample.

Test Instrument:Mindray BC-60R Vet

Time of Printing:2025-04-16 09:22:13

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Operator:



## Diagnosis implications:

**Neutropenia**

**Band cell suspected**

**Lymphopenia**

**Thrombocytopenia**

## Report Explan.

### 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)

### 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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