

# Loki Test report



Patient:	Loki	Species:	Canine	Patient ID:	250730236
Client:	Calonia	Gender:	Male	Age:	4Years

## AI Aided Diag. Explan.

Please evaluate the severity of anemia based on clinical manifestations and medical history. It is recommended to add an RET test and a blood smear test to assess white blood cell and red blood cell morphology. At the same time, tests of liver and kidney panels, electrolytes, and protein level should be added to assess overall health status and potential metabolic abnormalities. If necessary, screening for infectious diseases such as feline leukemia virus, feline immunodeficiency virus, canine distemper virus, babesiosis, etc. should be carried out based on clinical symptoms and regional characteristics.

It is recommended to add a blood smear test to evaluate white blood cell morphology, as well as tests of liver and kidney panels, electrolytes, protein level, and inflammatory markers (such as cCRP and fSAA) to assess overall health status or inflammation level, based on clinical manifestations and medical history.

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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# Hematology Analysis Report



Patient:	Loki	Species:	Canine	Patient ID:	250730236
Client:	Calonia	Gender:	Male	Sample No.:	05
Doctor:		Age:	4Years	Time of analysis:	2025/07/30 11:04

Para.		Current result		Ref. Ranges	
WBC Para.	WBC	H	30.23 10^9/L	5.32-16.92	
	Neu#	H	26.18 10^9/L	3.05-12.10	
	Lym#		2.78 10^9/L	0.70-4.95	
	Mon#		1.09 10^9/L	0.20-1.38	
	Eos#		0.06 10^9/L	0.04-1.28	
	Bas#		0.12 10^9/L	0.00-0.13	
	Neu%	H	0.866	0.420-0.840	
	Lym%		0.092	0.060-0.400	
	Mon%		0.036	0.025-0.120	
	Eos%	L	0.002	0.003-0.110	
	Bas%		0.004	0.000-0.010	
RBC Para.	RBC	L	4.01 10^12/L	5.20-8.69	
	HGB	L	81 g/L	115-201	
	HCT	L	0.257	0.350-0.600	
	MCV		64.2 fL	60.0-77.5	
	MCH		20.3 pg	20.0-27.0	
	MCHC		315 g/L	300-380	
	RDW-CV		0.174	0.113-0.189	
	RDW-SD		41.4 fL	29.1-55.1	
PLT Para.	PLT	H	585 10^9/L	140-520	
	MPV		8.4 fL	7.6-16.1	
	PDW		15.7	13.8-17.9	
	PCT		4.93 mL/L	1.20-7.00	
	P-LCC		76 10^9/L	25-180	
	P-LCR		0.130	0.100-0.570	
	IPF		2.0 %	0.4-17.1	
RET Para.	RET#	H	172.8 10^9/L	9.0-115.0	
	RET%	H	4.31 %	0.16-1.95	
	IRF	H	45.9 %	0.0-45.1	
	LFR	L	54.1 %	56.0-100.0	
	MFR	H	27.3 %	0.0-26.0	
	HFR		18.6 %	0.0-22.0	
	RHE		21.7 pg	20.0-28.3	

The results only applies to this test sample.

Test Instrument:Mindray BC-60R Vet

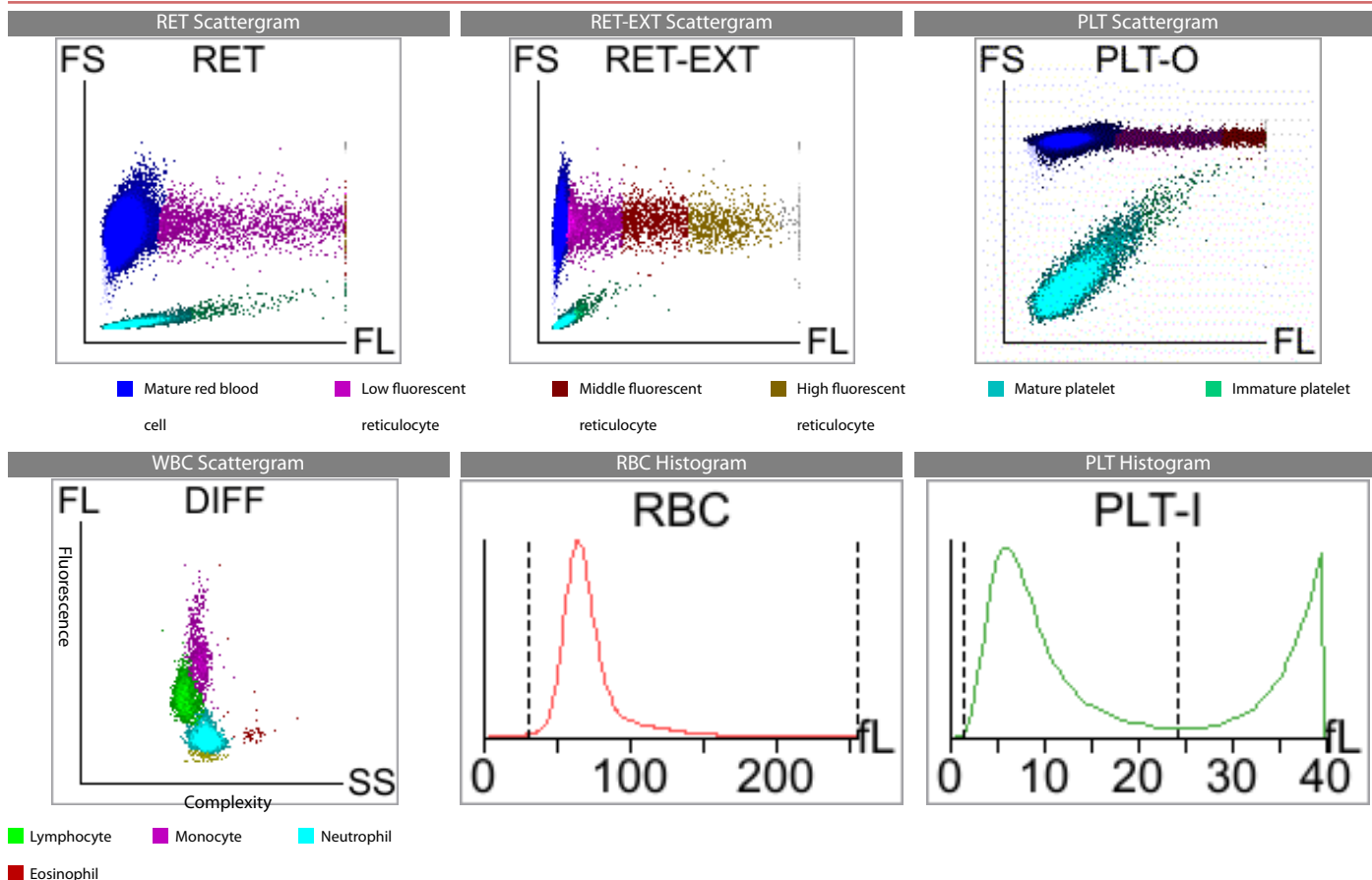
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# Hematology Analysis Report



Patient:	Loki	Species:	Canine	Patient ID:	250730236
Client:	Calonia	Gender:	Male	Sample No.:	05
Doctor:		Age:	4Years	Time of analysis:	2025/07/30 11:04

Operator:



## Diagnosis implications:

**Anemia**

**Leucocytosis**

**Neutrophilia**

## Report Explan.

### Anemia

It occurs in anemia caused by various reasons, such as insufficient hematopoietic materials, hematopoietic dysfunction, excessive destruction of RBC, or blood loss

### Leucocytosis

It occurs in bacterial infection, burn, post-operation, malignant tumor, leukemia, etc

### Neutrophilia

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

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