

SAM Test report



Patient:	SAM	Species:	Canine	Patient ID:	251008256
Client:	SHINOZAKI	Gender:	Male	Age:	13Years

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:	SAM	Species:	Canine	Patient ID:	251008256
Client:	SHINOZAKI	Gender:	Male	Sample No.:	11
Doctor:		Age:	13Years	Time of analysis:	2025/10/20 20:07

Para.		Current result		Ref. Ranges		2025/10/16	
WBC Para.	WBC	H	63.93 10 ⁹ /L	5.32-16.92		73.23	
	Neu#	H	55.62 10 ⁹ /L	3.05-12.10		67.23	
	Lym#		3.13 10 ⁹ /L	0.70-4.95		3.15	
	Mon#	H	4.86 10 ⁹ /L	0.20-1.38		1.83	
	Eos#		0.32 10 ⁹ /L	0.04-1.28		0.95	
	Bas#		0.00 10 ⁹ /L	0.00-0.13		0.07	
	Neu%	H	0.870	0.420-0.840		0.918	
	Lym%	L	0.049	0.060-0.400		0.043	
	Mon%		0.076	0.025-0.120		0.025	
	Eos%		0.005	0.003-0.110		0.013	
	Bas%		0.000	0.000-0.010		0.001	
RBC Para.	RBC	L	3.72 10 ¹² /L	5.20-8.69		3.36	
	HGB	L	90 g/L	115-201		83	
	HCT	L	0.276	0.350-0.600		0.244	
	MCV		74.1 fL	60.0-77.5		72.6	
	MCH		24.1 pg	20.0-27.0		24.6	
	MCHC		326 g/L	300-380		340	
	RDW-CV		0.158	0.113-0.189		0.134	
	RDW-SD		44.0 fL	29.1-55.1		36.3	
PLT Para.	PLT		389 10 ⁹ /L	140-520		344	
	MPV		12.6 fL	7.6-16.1		12.6	
	PDW		16.6	13.8-17.9		17.8	
	PCT		4.90 mL/L	1.20-7.00		4.32	
	P-LCC		149 10 ⁹ /L	25-180		133	
	P-LCR		0.382	0.100-0.570		0.388	
	IPF		5.5 %	0.4-17.1		8.4	
RET Para.	RET#	H	349.7 10 ⁹ /L	9.0-115.0		162.6	
	RET%	H	9.40 %	0.16-1.95		4.84	
	IRF		44.9 %	0.0-45.1		41.8	
	LFR	L	55.1 %	56.0-100.0		58.2	
	MFR	H	26.2 %	0.0-26.0		22.5	
	HFR		18.7 %	0.0-22.0		19.3	
	RHE		21.4 pg	20.0-28.3		24.2	

The results only applies to this test sample. Test Instrument: Mindray BC-60R Vet Time of Printing: 2025-11-08 12:14:56



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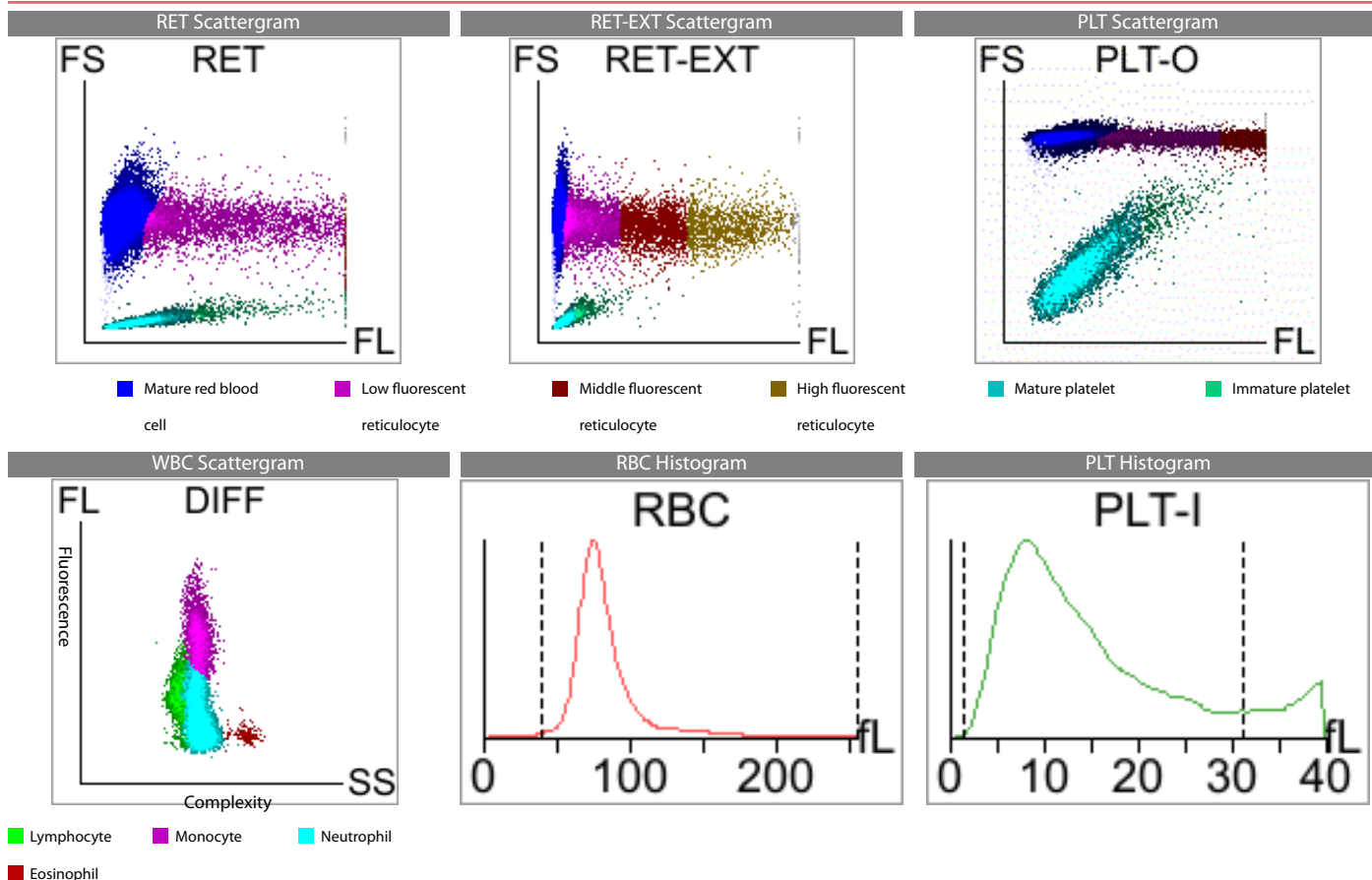


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Operator:



Diagnosis implications:

Anemia
Monocytosis

Leucocytosis
Band cell suspected

Neutrophilia
PLT Clump

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

Monocytosis

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

Band cell suspected

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

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Report Explan.

PLT Clump

Possible presence of PLT clump, and it occurs in difficult blood collection, anticoagulant-dependent thrombocytopenia

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