

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.:	05
Doctor:	JUL ARDIELLE CORNELL	Age:	13Years	Time of analysis:	2025/10/14 13:51

Para.		Current result		Ref. Ranges		2025/10/12	
WBC Para.	WBC	H	64.04	10 ⁹ /L	5.32-16.92		47.52
	Neu#	H	59.17	10 ⁹ /L	3.05-12.10		40.91
	Lym#		2.18	10 ⁹ /L	0.70-4.95		1.81
	Mon#	H	1.54	10 ⁹ /L	0.20-1.38		3.52
	Eos#		1.09	10 ⁹ /L	0.04-1.28		1.24
	Bas#		0.06	10 ⁹ /L	0.00-0.13		0.05
	Neu%	H	0.924		0.420-0.840		0.861
	Lym%	L	0.034		0.060-0.400		0.038
	Mon%	L	0.024		0.025-0.120		0.074
	Eos%		0.017		0.003-0.110		0.026
	Bas%		0.001		0.000-0.010		0.001
RBC Para.	RBC	L	3.55	10 ¹² /L	5.20-8.69		5.10
	HGB	L	88	g/L	115-201		126
	HCT	L	0.257		0.350-0.600		0.363
	MCV		72.5	fL	60.0-77.5		71.1
	MCH		24.7	pg	20.0-27.0		24.8
	MCHC		342	g/L	300-380		347
	RDW-CV		0.134		0.113-0.189		0.132
	RDW-SD		36.8	fL	29.1-55.1		35.6
PLT Para.	PLT		316	10 ⁹ /L	140-520		278
	MPV		9.7	fL	7.6-16.1		9.8
	PDW		16.7		13.8-17.9		16.3
	PCT		3.05	mL/L	1.20-7.00		2.72
	P-LCC		63	10 ⁹ /L	25-180		58
	P-LCR		0.198		0.100-0.570		0.208
	IPF		8.0	%	0.4-17.1		4.7
RET Para.	RET#		73.5	10 ⁹ /L	9.0-115.0		40.8
	RET%	H	2.07	%	0.16-1.95		0.80
	IRF		26.9	%	0.0-45.1		32.9
	LFR		73.1	%	56.0-100.0		67.1
	MFR		17.5	%	0.0-26.0		18.8
	HFR		9.4	%	0.0-22.0		14.1
	RHE		23.6	pg	20.0-28.3		22.8

The results only applies to this test sample.

Test Instrument: Mindray BC-60R Vet

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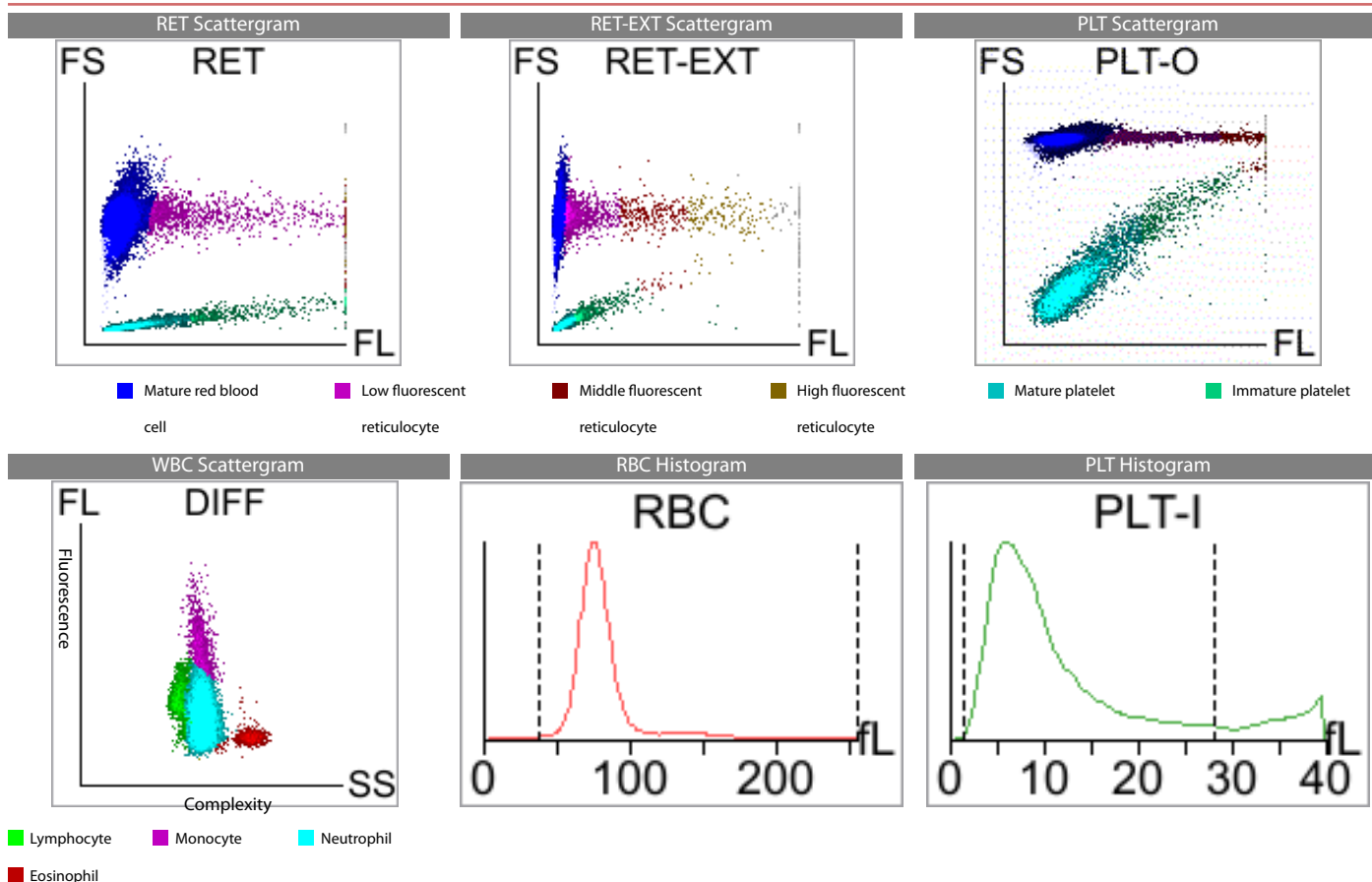


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Operator:



Diagnosis implications:

Anemia

Leucocytosis

Neutrophilia

Band cell suspected

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

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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