

SAM Test report



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

AI Aided Diag. Explan.

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.

Time of Printing:2025-11-08 12:13:56



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Hematology Analysis Report



Patient:	SAM	Species:	Canine	Patient ID:	251008256
Client:	SHINOZAKI	Gender:	Male	Sample No.:	03
Doctor:	JUL ARDIELLE CORNELL	Age:	13Years	Time of analysis:	2025/10/12 10:45

Para.		Current result		Ref. Ranges		2025/10/08	
WBC Para.	WBC	H	47.52	10 ⁹ /L	5.32-16.92		11.41
	Neu#	H	40.91	10 ⁹ /L	3.05-12.10		7.60
	Lym#		1.81	10 ⁹ /L	0.70-4.95		1.93
	Mon#	H	3.52	10 ⁹ /L	0.20-1.38		1.39
	Eos#		1.24	10 ⁹ /L	0.04-1.28		0.48
	Bas#		0.05	10 ⁹ /L	0.00-0.13		0.01
	Neu%	H	0.861		0.420-0.840		0.666
	Lym%	L	0.038		0.060-0.400		0.169
	Mon%		0.074		0.025-0.120		0.122
	Eos%		0.026		0.003-0.110		0.042
	Bas%		0.001		0.000-0.010		0.001
RBC Para.	RBC	L	5.10	10 ¹² /L	5.20-8.69		7.31
	HGB		126	g/L	115-201		180
	HCT		0.363		0.350-0.600		0.545
	MCV		71.1	fL	60.0-77.5		74.6
	MCH		24.8	pg	20.0-27.0		24.7
	MCHC		347	g/L	300-380		330
	RDW-CV		0.132		0.113-0.189		0.135
	RDW-SD		35.6	fL	29.1-55.1		37.7
PLT Para.	PLT		278	10 ⁹ /L	140-520		367
	MPV		9.8	fL	7.6-16.1		9.4
	PDW		16.3		13.8-17.9		15.8
	PCT		2.72	mL/L	1.20-7.00		3.43
	P-LCC		58	10 ⁹ /L	25-180		62
	P-LCR		0.208		0.100-0.570		0.169
	IPF		4.7	%	0.4-17.1		1.7
RET Para.	RET#		40.8	10 ⁹ /L	9.0-115.0		106.7
	RET%		0.80	%	0.16-1.95		1.46
	IRF		32.9	%	0.0-45.1		29.9
	LFR		67.1	%	56.0-100.0		70.1
	MFR		18.8	%	0.0-26.0		22.2
	HFR		14.1	%	0.0-22.0		7.7
	RHE		22.8	pg	20.0-28.3		23.7

The results only applies to this test sample.

Test Instrument: Mindray BC-60R Vet

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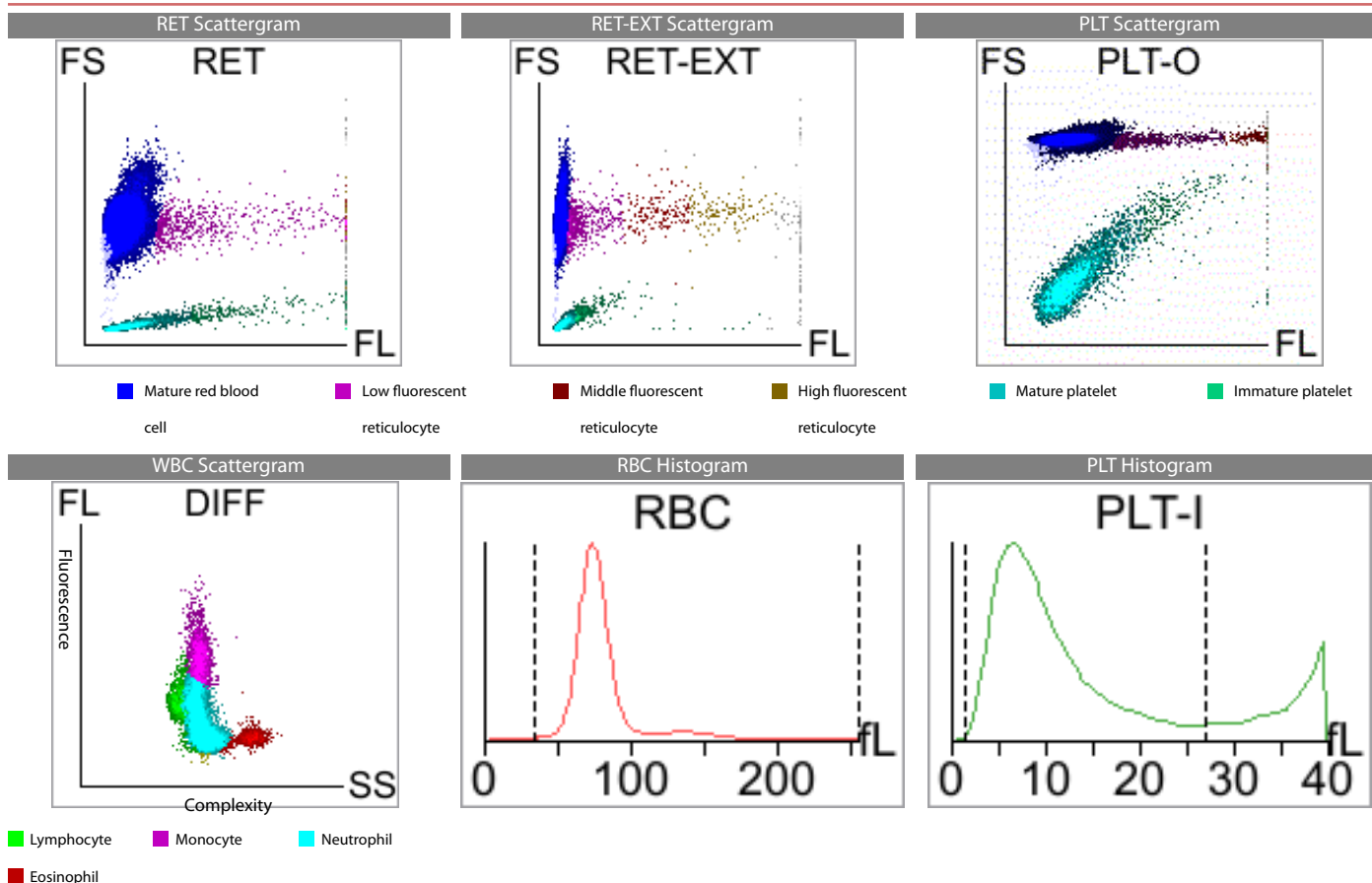


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Operator:



Diagnosis implications:

Leucocytosis

Neutrophilia

Monocytosis

Band cell suspected

Report Explan.

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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