

JACOB Test report



Patient:	JACOB	Species:	Canine	Patient ID:	251014257
Client:	DAPAL	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:	JACOB	Species:	Canine	Patient ID:	251014257
Client:	DAPAL	Gender:	Male	Sample No.:	06
Doctor:	JUL ARDIELLE CORNELL	Age:	4Years	Time of analysis:	2025/10/25 15:51

Para.		Current result		Ref. Ranges		2025/10/24	
WBC Para.	WBC	H	46.24	10 ⁹ /L	5.32-16.92		39.78
	Neu#	H	42.22	10 ⁹ /L	3.05-12.10		36.36
	Lym#		1.85	10 ⁹ /L	0.70-4.95		2.07
	Mon#	H	2.08	10 ⁹ /L	0.20-1.38		1.23
	Eos#		0.05	10 ⁹ /L	0.04-1.28		0.08
	Bas#		0.05	10 ⁹ /L	0.00-0.13		0.04
	Neu%	H	0.913		0.420-0.840		0.914
	Lym%	L	0.040		0.060-0.400		0.052
	Mon%		0.045		0.025-0.120		0.031
	Eos%	L	0.001		0.003-0.110		0.002
	Bas%		0.001		0.000-0.010		0.001
RBC Para.	RBC	L	3.67	10 ¹² /L	5.20-8.69		3.70
	HGB	L	76	g/L	115-201		79
	HCT	L	0.243		0.350-0.600		0.240
	MCV		66.2	fL	60.0-77.5		64.9
	MCH		20.8	pg	20.0-27.0		21.4
	MCHC		313	g/L	300-380		329
	RDW-CV		0.160		0.113-0.189		0.154
	RDW-SD		39.8	fL	29.1-55.1		37.8
PLT Para.	PLT		374	10 ⁹ /L	140-520		376
	MPV		12.1	fL	7.6-16.1		12.5
	PDW		16.7		13.8-17.9		16.2
	PCT		4.54	mL/L	1.20-7.00		4.70
	P-LCC		139	10 ⁹ /L	25-180		147
	P-LCR		0.372		0.100-0.570		0.391
	IPF		5.7	%	0.4-17.1		6.5
RET Para.	RET#	H	281.1	10 ⁹ /L	9.0-115.0		330.4
	RET%	H	7.66	%	0.16-1.95		8.93
	IRF		31.7	%	0.0-45.1		38.7
	LFR		68.3	%	56.0-100.0		61.3
	MFR		22.2	%	0.0-26.0		25.2
	HFR		9.5	%	0.0-22.0		13.5
	RHE	L	18.8	pg	20.0-28.3		17.7

The results only applies to this test sample. Test Instrument: Mindray BC-60R Vet Time of Printing: 2025-11-08 14:55:22



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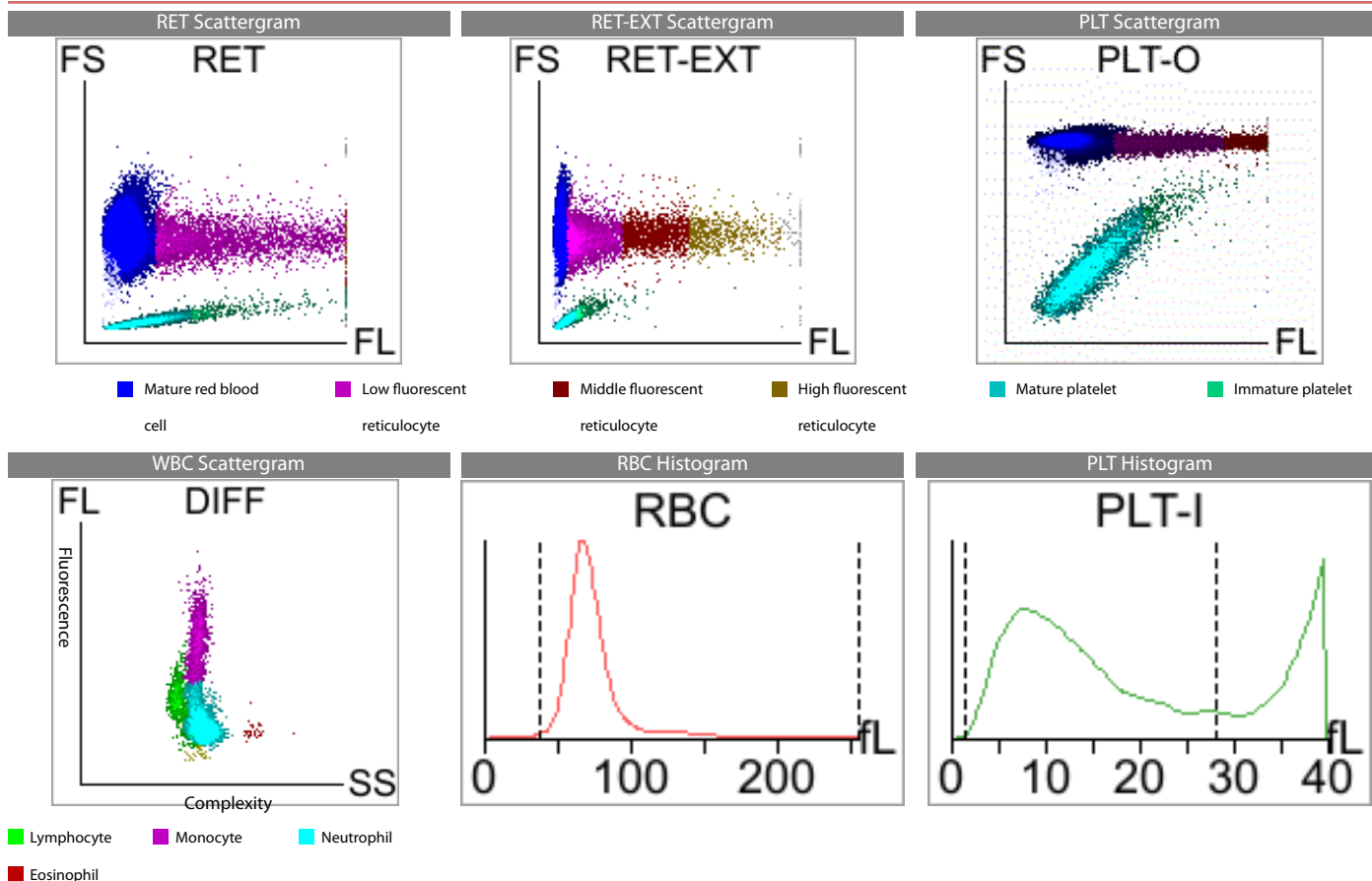


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Operator:



Diagnosis implications:

Anemia
Monocytosis

Leucocytosis
Band cell suspected

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

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

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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