

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.:	17
Doctor:	JUL ARDIELLE CORNELL	Age:	4Years	Time of analysis:	2025/10/22 18:10

Para.		Current result		Ref. Ranges		2025/10/20	
WBC Para.	WBC	H	40.52	10 ⁹ /L	5.32-16.92		35.17
	Neu#	H	37.36	10 ⁹ /L	3.05-12.10		31.34
	Lym#		2.15	10 ⁹ /L	0.70-4.95		1.72
	Mon#		0.89	10 ⁹ /L	0.20-1.38		2.11
	Eos#		0.08	10 ⁹ /L	0.04-1.28		0.00
	Bas#		0.04	10 ⁹ /L	0.00-0.13		0.00
	Neu%	H	0.922		0.420-0.840		0.891
	Lym%	L	0.053		0.060-0.400		0.049
	Mon%	L	0.022		0.025-0.120		0.060
	Eos%	L	0.002		0.003-0.110		0.000
	Bas%		0.001		0.000-0.010		0.000
RBC Para.	RBC	L	3.88	10 ¹² /L	5.20-8.69		4.43
	HGB	L	82	g/L	115-201		98
	HCT	L	0.261		0.350-0.600		0.302
	MCV		67.2	fL	60.0-77.5		68.2
	MCH		21.2	pg	20.0-27.0		22.1
	MCHC		314	g/L	300-380		325
	RDW-CV		0.159		0.113-0.189		0.171
	RDW-SD		40.3	fL	29.1-55.1		43.8
PLT Para.	PLT		316	10 ⁹ /L	140-520		410
	MPV		13.0	fL	7.6-16.1		13.2
	PDW		16.8		13.8-17.9		16.5
	PCT		4.10	mL/L	1.20-7.00		5.40
	P-LCC		132	10 ⁹ /L	25-180		182
	P-LCR		0.417		0.100-0.570		0.444
	IPF		11.7	%	0.4-17.1		4.6
RET Para.	RET#	H	285.6	10 ⁹ /L	9.0-115.0		345.5
	RET%	H	7.36	%	0.16-1.95		7.80
	IRF		39.1	%	0.0-45.1		35.5
	LFR		60.9	%	56.0-100.0		64.5
	MFR		22.3	%	0.0-26.0		27.4
	HFR		16.8	%	0.0-22.0		8.1
	RHE	L	19.9	pg	20.0-28.3		20.9

The results only applies to this test sample. Test Instrument: Mindray BC-60R Vet Time of Printing: 2025-11-08 14:54:35



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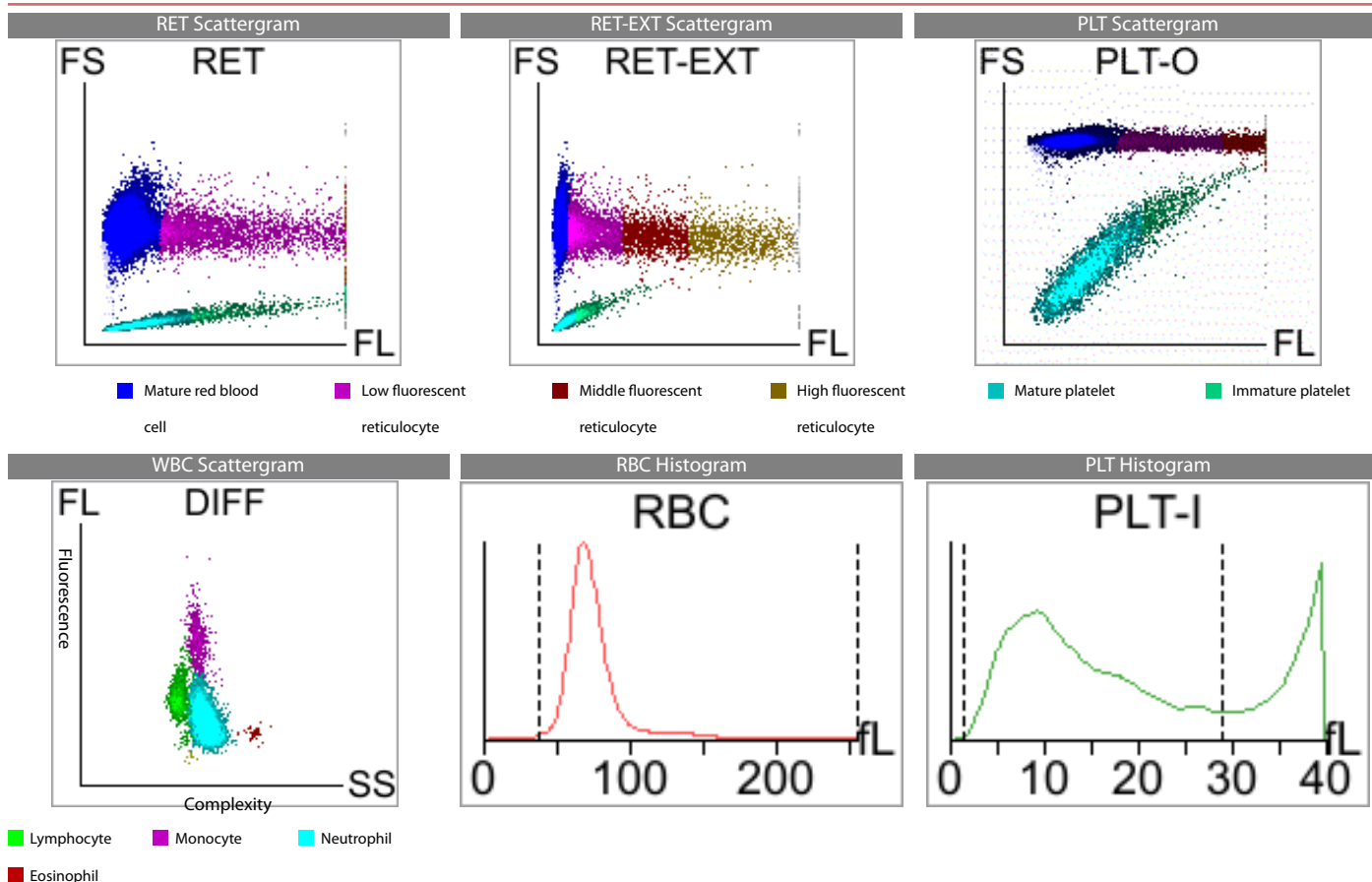


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Operator:



Diagnosis implications:

Anemia
Band cell suspected

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

Band cell suspected

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

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