

MONICA Test report



Patient:	MONICA	Species:	Canine	Patient ID:	250528265
Client:	NERI	Gender:	Female	Age:	12Years

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.

It is recommended to add a blood smear test to evaluate platelet and other cell morphology, as well as coagulation (such as cD-dimer) to assess whether coagulation function is normal, 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:2025-09-05 17:49:55



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Hematology Analysis Report



Patient:	MONICA	Species:	Canine	Patient ID:	250528265
Client:	NERI	Gender:	Female	Sample No.:	01
Doctor:	JUL ARDIELLE CORNELL	Age:	12Years	Time of analysis:	2025/08/30 09:47

Para.		Current result		Ref. Ranges		2025/08/24	
WBC Para.	WBC	H	22.83	10 ⁹ /L	5.32-16.92		21.91
	Neu#	H	21.19	10 ⁹ /L	3.05-12.10		16.39
	Lym#	L	0.68	10 ⁹ /L	0.70-4.95		2.30
	Mon#		0.94	10 ⁹ /L	0.20-1.38		2.80
	Eos#	L	0.02	10 ⁹ /L	0.04-1.28		0.39
	Bas#		0.00	10 ⁹ /L	0.00-0.13		0.02
	Neu%	H	0.928		0.420-0.840		0.748
	Lym%	L	0.030		0.060-0.400		0.105
	Mon%		0.041		0.025-0.120		0.128
	Eos%	L	0.001		0.003-0.110		0.018
	Bas%		0.000		0.000-0.010		0.001
RBC Para.	RBC	L	3.97	10 ¹² /L	5.20-8.69		3.56
	HGB	L	99	g/L	115-201		91
	HCT	L	0.303		0.350-0.600		0.281
	MCV		76.3	fL	60.0-77.5		78.8
	MCH		24.8	pg	20.0-27.0		25.5
	MCHC		327	g/L	300-380		324
	RDW-CV	H	0.194		0.113-0.189		0.211
	RDW-SD	H	56.3	fL	29.1-55.1		62.6
PLT Para.	PLT	H	1367	10 ⁹ /L	140-520		1910
	MPV	L	7.2	fL	7.6-16.1		8.3
	PDW		16.0		13.8-17.9		16.3
	PCT	H	9.84	mL/L	1.20-7.00		15.85
	P-LCC		108	10 ⁹ /L	25-180		254
	P-LCR	L	0.079		0.100-0.570		0.133
	IPF		0.7	%	0.4-17.1		1.2
RET Para.	RET#		92.9	10 ⁹ /L	9.0-115.0		205.1
	RET%	H	2.34	%	0.16-1.95		5.76
	IRF		22.2	%	0.0-45.1		32.0
	LFR		77.8	%	56.0-100.0		68.0
	MFR		15.5	%	0.0-26.0		22.2
	HFR		6.7	%	0.0-22.0		9.8
	RHE		23.6	pg	20.0-28.3		23.8

The results only applies to this test sample. Test Instrument: Mindray BC-60R Vet Time of Printing: 2025-09-05 17:49:57



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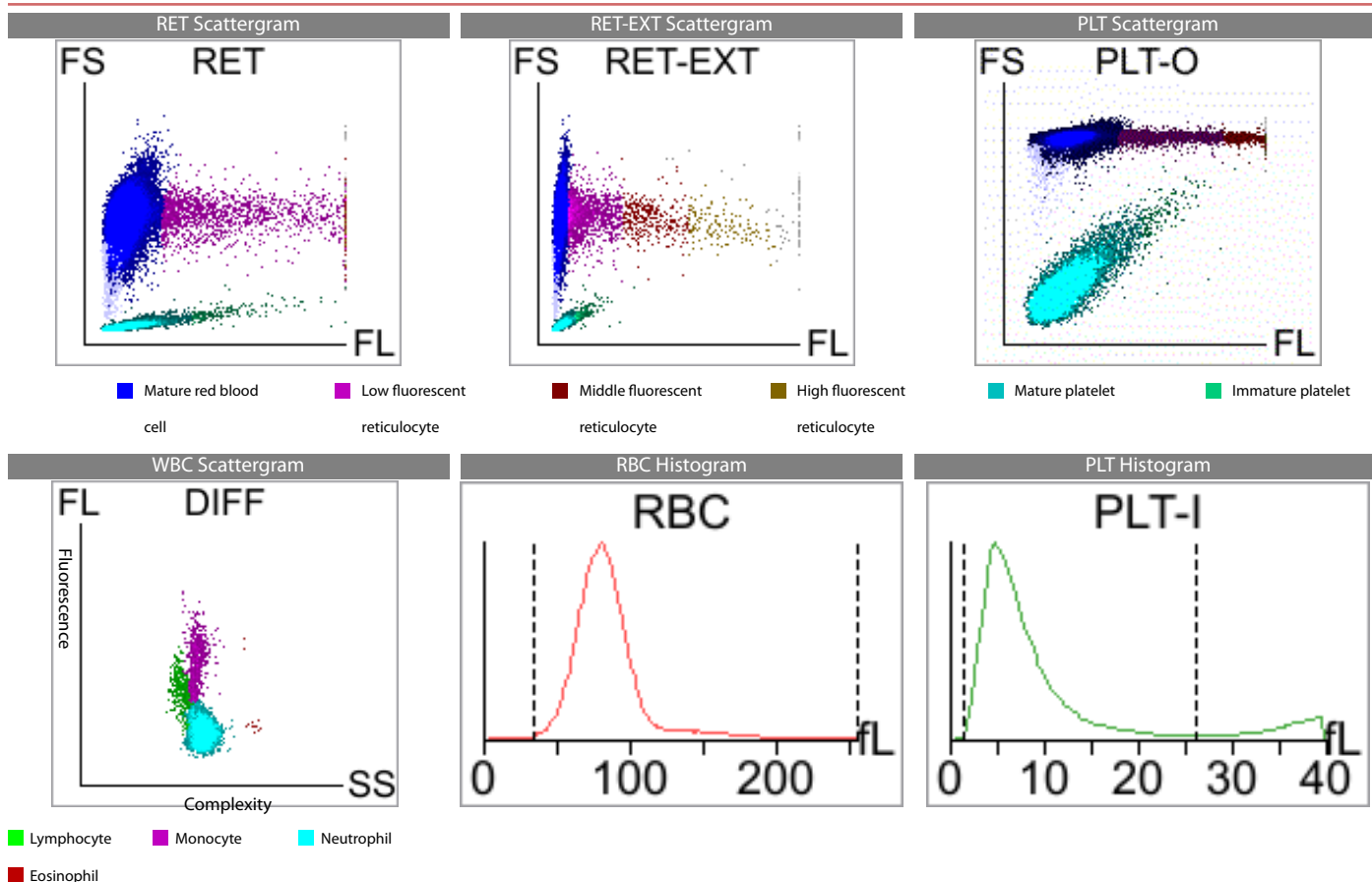


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Operator:



Diagnosis implications:

Anemia

Thrombocytosis

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

Thrombocytosis

It occurs in reactive thrombocytosis, such as chronic inflammation, immune-mediated anemia, drug treatment, and iron deficiency anemia, or it occurs in neoplastic thrombocytosis

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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