RUKI Test report

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.

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PET VET Central

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Hematology Analysis Report

Patient:	RUKI		Species:	Canine		Patient ID:	2507063
Client:	DAGOHOY		Gender:	Male		Sample No.:	12
Doctor:			Age:	3Years		Time of analysis:	2025/07/09 16:30

	Para.		Current result		Ref. Ranges		2025/07/06
WBC Para.	WBC		**13.98**	10^9/L	5.32-16.92		**11.77**
	Neu#		**9.91**	10^9/L	3.05-12.10		**9.38**
	Lym#		**1.96**	10^9/L	0.70-4.95		**1.39**
	Mon#	H	**2.01**	10^9/L	0.20-1.38		**0.87**
	Eos#		**0.08**	10^9/L	0.04-1.28		**0.12**
	Bas#		**0.01**	10^9/L	0.00-0.13		**0.01**
	Neu%		**0.709**		0.420-0.840		**0.797**
	Lym%		**0.140**		0.060-0.400		**0.118**
	Mon%	H	**0.144**		0.025-0.120		**0.074**
	Eos%		**0.006**		0.003-0.110		**0.010**
	Bas%		**0.001**		0.000-0.010		**0.001**
RBC Para.	RBC	L	**4.56**	10^12/L	5.20-8.69		**4.44**
	HGB	L	**101**	g/L	115-201		**103**
	HCT	L	**0.310**		0.350-0.600		**0.290**
	MCV		**68.0**	fL	60.0-77.5		**65.4**
	MCH		**22.3**	pg	20.0-27.0		**23.1**
	MCHC		**326**	g/L	300-380		**355**
	RDW-CV		**0.131**		0.113-0.189		**0.125**
	RDW-SD		**33.6**	fL	29.1-55.1		**31.0**
PLT Para.	PLT		**177**	10^9/L	140-520		**45**
	MPV		**10.3**	fL	7.6-16.1		**10.8**
	PDW		**17.6**		13.8-17.9		**16.0**
	PCT		**1.81**	mL/L	1.20-7.00		**0.49**
	P-LCC		**47**	10^9/L	25-180		**15**
	P-LCR		**0.264**		0.100-0.570		**0.324**
	IPF		**2.1**	%	0.4-17.1		**25.5**
RET Para.	RET#		**10.9**	10^9/L	9.0-115.0		**7.1**
	RET%		**0.24**	%	0.16-1.95		**0.16**
	IRF		**5.1**	%	0.0-45.1		**7.8**
	LFR		**94.9**	%	56.0-100.0		**92.2**
	MFR		**5.1**	%	0.0-26.0		**7.8**
	HFR		**0.0**	%	0.0-22.0		**0.0**
	RHE		**21.9**	pg	20.0-28.3		**21.6**

The results only applies to this test sample.

Test Instrument:Mindray BC-60R Vet   Time of Printing:2025-07-09 16:33:24

Hematology Analysis Report

Patient:	RUKI	Species:	Canine	Patient ID:	2507063
Client:	DAGOHOY	Gender:	Male	Sample No.:	12
Doctor:		Age:	3Years	Time of analysis:	2025/07/09 16:30

Operator:

RET Scattergram

- ■ Mature red blood cell
- ■ Low fluorescent reticulocyte

RET-EXT Scattergram

- ■ Middle fluorescent reticulocyte
- ■ High fluorescent reticulocyte

PLT Scattergram

- ■ Mature platelet
- ■ Immature platelet

WBC Scattergram

- ■ Lymphocyte
- ■ Monocyte
- ■ Neutrophil
- ■ Eosinophil

RBC Histogram

PLT Histogram

Diagnosis implications: Anemia   Monocytosis

📋 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
Monocytosis	It occurs in stress response or corticosteroid response, bacterial/fungal/protozoal infections, immune-mediated diseases, paraneoplastic reactions (such as lymphoma), monocytic leukemia, etc

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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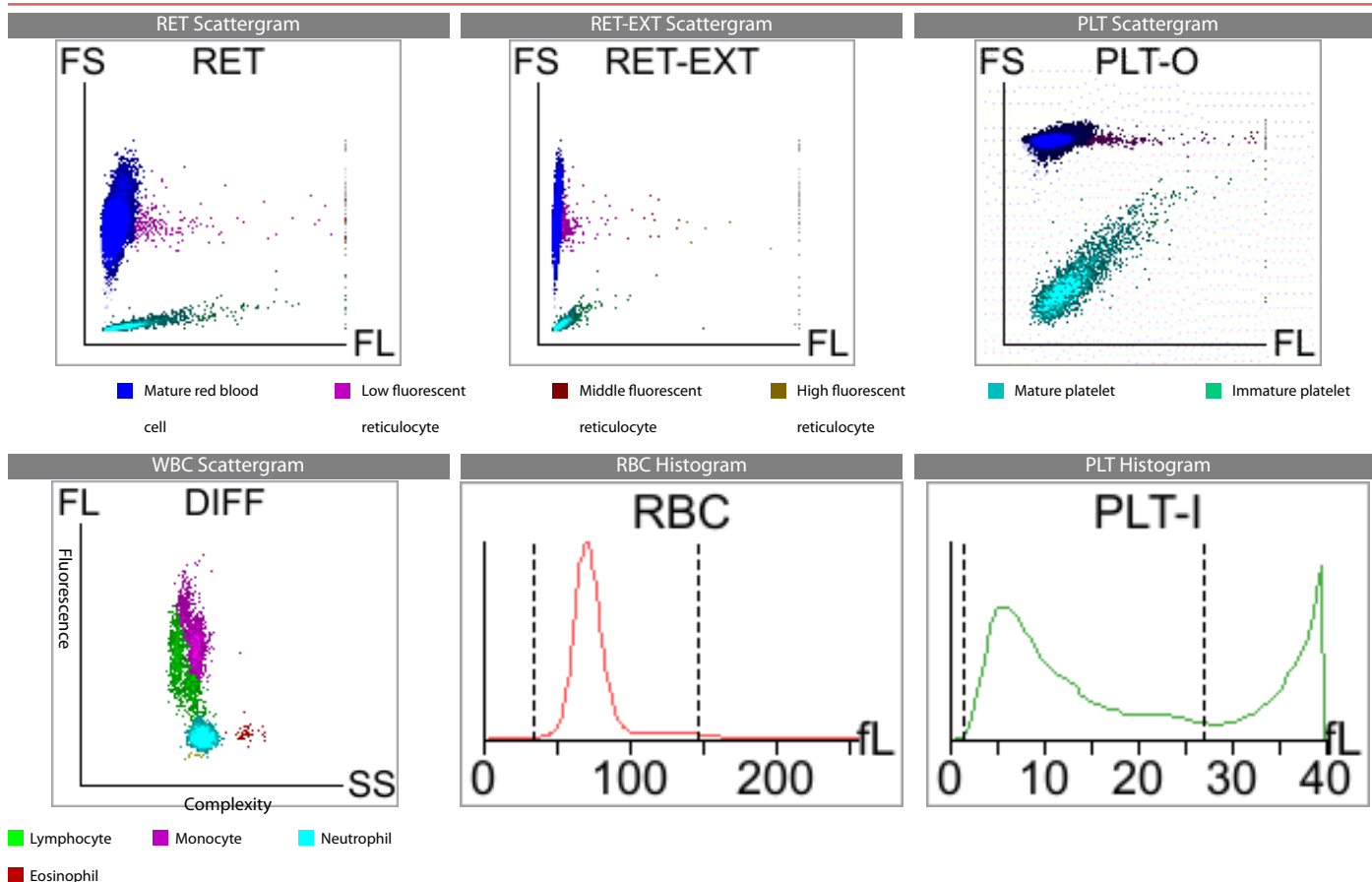Better healthcare for all - Since 1991

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