

LUKE Test report



Patient:	LUKE	Species:	Canine	Patient ID:	2507291
Client:	CADUYAC	Gender:	Male	Age:	5Years

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.

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Hematology Analysis Report



Patient:	LUKE	Species:	Canine	Patient ID:	2507291
Client:	CADUYAC	Gender:	Male	Sample No.:	01
Doctor:	DR. ROLANDO TIBON	Age:	5Years	Time of analysis:	2025/07/29 14:44

Para.		Current result		Ref. Ranges	
WBC Para.	WBC	H	24.40	10 ⁹ /L	6.00-17.00
	Neu#	H	19.96	10 ⁹ /L	3.20-12.30
	Lym#		1.66	10 ⁹ /L	0.80-5.30
	Mon#	H	1.83	10 ⁹ /L	0.00-1.50
	Eos#		0.95	10 ⁹ /L	0.00-1.50
	Neu%		0.818		0.430-0.850
	Lym%	L	0.068		0.090-0.400
	Mon%		0.075		0.000-0.100
	Eos%		0.039		0.000-0.100
RBC Para.	RBC	L	3.90	10 ¹² /L	5.10-8.50
	HGB	L	79	g/L	110-195
	HCT	L	0.220		0.325-0.580
	MCV	L	56.4	fL	60.0-76.0
	MCH		20.2	pg	20.0-27.0
	MCHC		357	g/L	300-380
	RDW-CV	H	0.177		0.108-0.172
	RDW-SD		40.7	fL	29.1-46.3
PLT Para.	PLT	L	10	10 ⁹ /L	117-490
	MPV		9.1	fL	7.6-14.1
	PDW		15.4		12.0-17.5
	PCT	L	0.09	mL/L	0.90-5.20
	P-LCC		*****	10 ⁹ /L	25-148
	P-LCR		*****		0.115-0.550

Operator:

The results only applies to this test sample.

Test Instrument: Mindray BC-30 Vet

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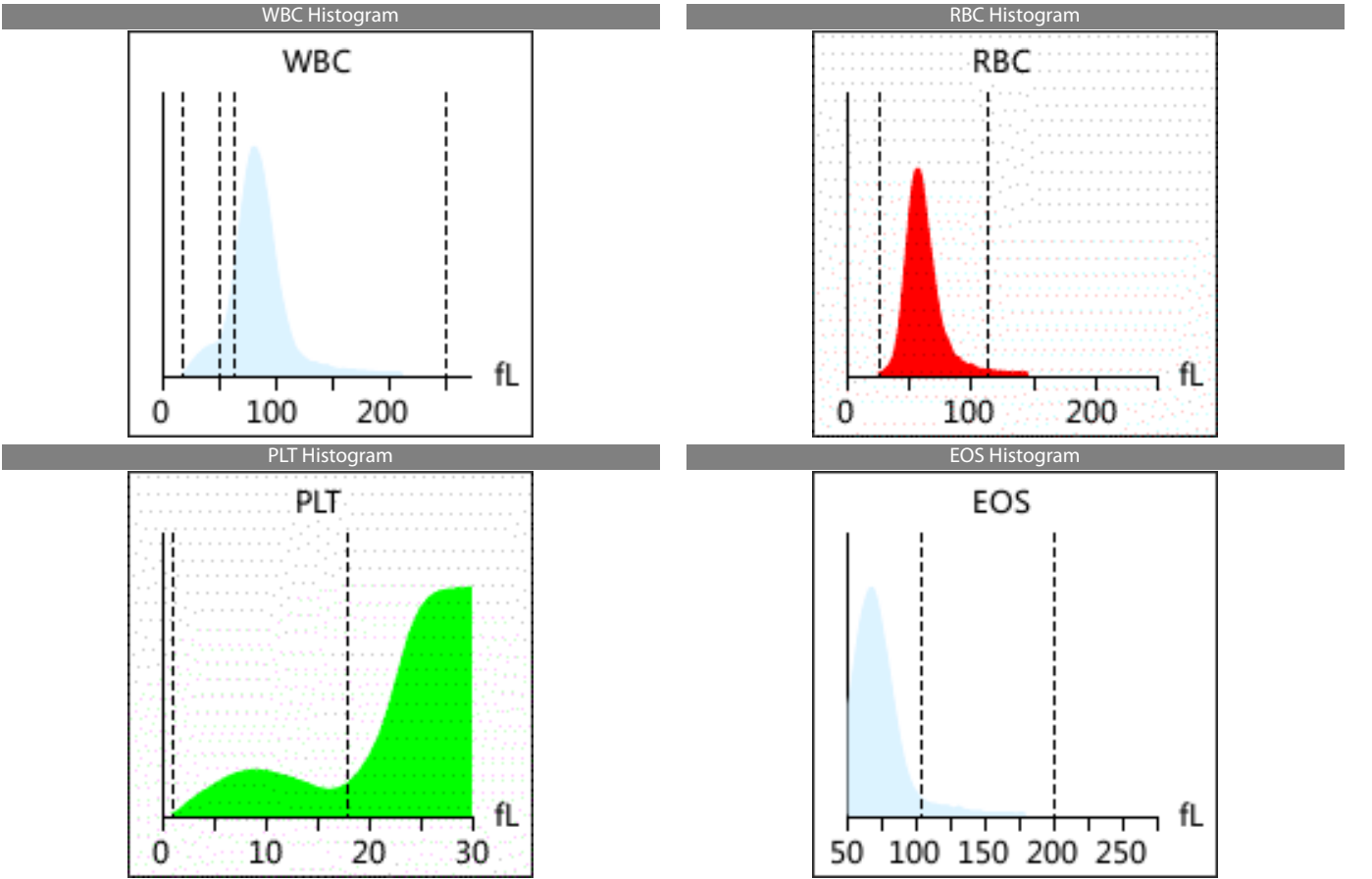
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Hematology Analysis Report

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Diagnosis implications: Anemia
Thrombocytopenia

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
Thrombocytopenia	It occurs in pseudo-reduction caused by PLT clump, infection, hemorrhage, disseminated intravascular coagulation, immune-mediated diseases, drug treatment, and tuberculosis of bone marrow

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