

LUCA Test report



Patient:	LUCA	Species:	Canine	Patient ID:	250626262
Client:	GUIALANI	Gender:	Female	Age:	

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:2025-06-28 15:31:34



PETVET CENTRAL VETERINARY CLINIC
UPTOWN, CAGAYAN DE ORO CITY
09162359535

Global Pioneer of Comprehensive Animal Medical Solutions
Better healthcare for all - Since 1991

mindray
animalcare

Hematology Analysis Report



Patient:	LUCA	Species:	Canine	Patient ID:	250626262
Client:	GUIALANI	Gender:	Female	Sample No.:	08
Doctor:	JUL ARDIELLE CORNELL	Age:		Time of analysis:	2025/06/28 15:28

Para.		Current result		Ref. Ranges		2025/06/26	
WBC Para.	WBC	H	48.55	10 ⁹ /L	5.32-16.92		18.15
	Neu#	H	45.20	10 ⁹ /L	3.05-12.10		14.59
	Lym#		0.73	10 ⁹ /L	0.70-4.95		0.54
	Mon#	H	2.18	10 ⁹ /L	0.20-1.38		2.87
	Eos#		0.44	10 ⁹ /L	0.04-1.28		0.15
	Bas#		0.00	10 ⁹ /L	0.00-0.13		0.00
	Neu%	H	0.931		0.420-0.840		0.804
	Lym%	L	0.015		0.060-0.400		0.030
	Mon%		0.045		0.025-0.120		0.158
	Eos%		0.009		0.003-0.110		0.008
	Bas%		0.000		0.000-0.010		0.000
RBC Para.	RBC	L	4.50	10 ¹² /L	5.20-8.69		5.68
	HGB	L	112	g/L	115-201		135
	HCT	L	0.312		0.350-0.600		0.393
	MCV		69.3	fL	60.0-77.5		69.2
	MCH		24.9	pg	20.0-27.0		23.8
	MCHC		359	g/L	300-380		344
	RDW-CV		0.140		0.113-0.189		0.137
	RDW-SD		36.8	fL	29.1-55.1		35.7
PLT Para.	PLT	L	62	10 ⁹ /L	140-520		148
	MPV		12.1	fL	7.6-16.1		11.0
	PDW		16.6		13.8-17.9		15.8
	PCT	L	0.75	mL/L	1.20-7.00		1.63
	P-LCC		25	10 ⁹ /L	25-180		43
	P-LCR		0.396		0.100-0.570		0.291
	IPF		****	%	0.4-17.1		12.5
RET Para.	RET#		****	10 ⁹ /L	9.0-115.0		29.0
	RET%		****	%	0.16-1.95		0.51
	IRF		****	%	0.0-45.1		8.4
	LFR		****	%	56.0-100.0		91.6
	MFR		****	%	0.0-26.0		8.0
	HFR		****	%	0.0-22.0		0.4
	RHE		****	pg	20.0-28.3		22.7

The results only applies to this test sample. Test Instrument: Mindray BC-60R Vet Time of Printing: 2025-06-28 15:31:36



PETVET CENTRAL VETERINARY CLINIC
UPTOWN, CAGAYAN DE ORO CITY
09162359535

Global Pioneer of Comprehensive Animal Medical Solutions
Better healthcare for all - Since 1991

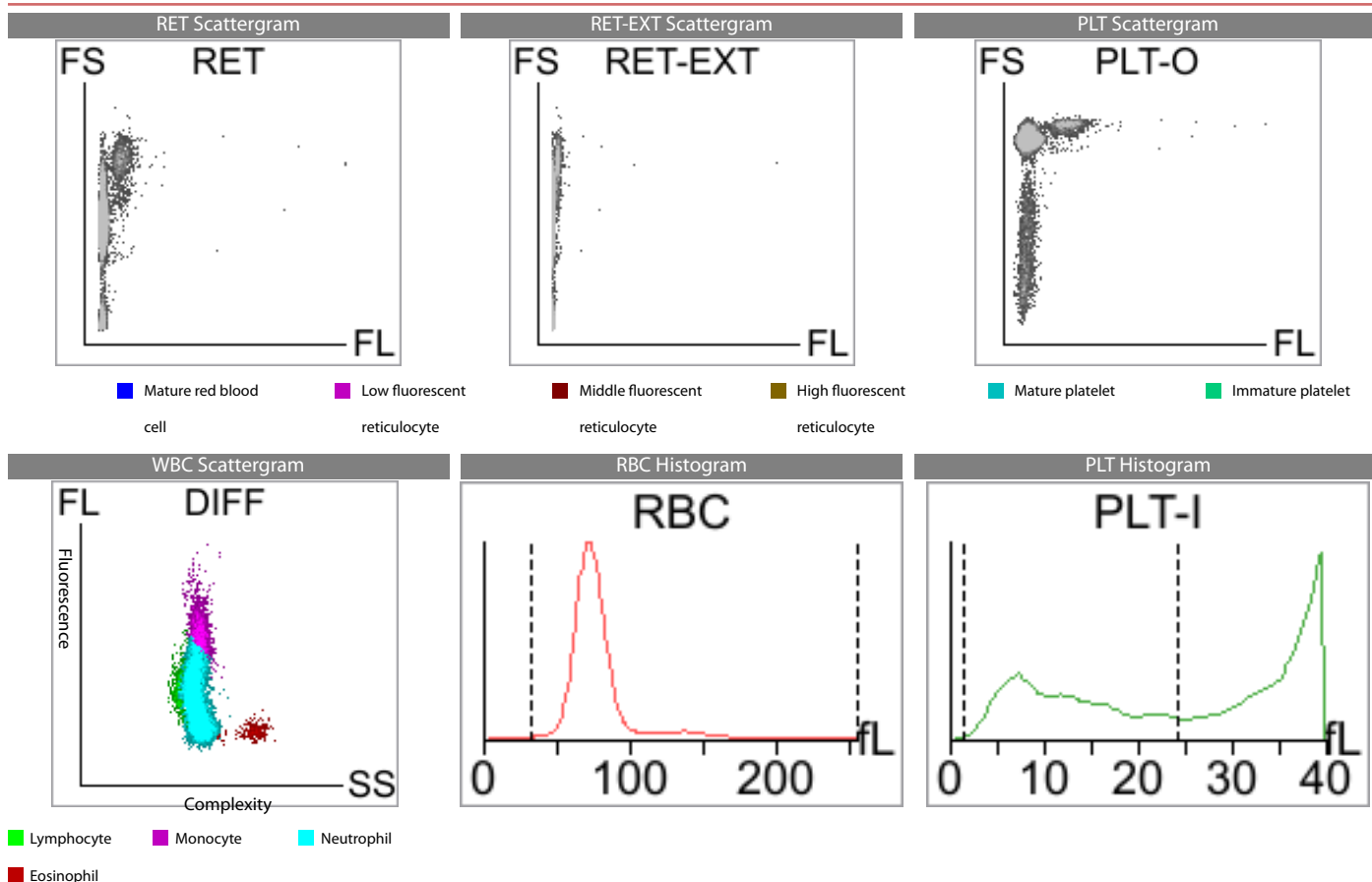


Hematology Analysis Report



Patient:	LUCA	Species:	Canine	Patient ID:	250626262
Client:	GUIALANI	Gender:	Female	Sample No.:	08
Doctor:	JUL ARDIELLE CORNELL	Age:		Time of analysis:	2025/06/28 15:28

Operator:



Diagnosis implications:

Anemia	Leucocytosis	Neutrophilia
Monocytosis	Thrombocytopenia	Band cell suspected
RET Scattergram Abn.	PLT Clump	RET Analysis Abn

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
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

The results only applies to this test sample.

Test Instrument: Mindray BC-60R Vet

Time of Printing: 2025-06-28 15:31:36



PETVET CENTRAL VETERINARY CLINIC
UPTOWN, CAGAYAN DE ORO CITY
09162359535

Global Pioneer of Comprehensive Animal Medical Solutions
Better healthcare for all - Since 1991



Hematology Analysis Report



Patient:	LUCA	Species:	Canine	Patient ID:	250626262
Client:	GUIALANI	Gender:	Female	Sample No.:	08
Doctor:	JUL ARDIELLE CORNELL	Age:		Time of analysis:	2025/06/28 15:28

Report Explan.

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

RET Scattergram Abn. The RET scattergram may be abnormal due to immature PLT, WBC fragments, and, microcytosis

PLT Clump Possible presence of PLT clump, and it occurs in difficult blood collection, anticoagulant-dependent thrombocytopenia

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.

Test Instrument: Mindray BC-60R Vet Time of Printing: 2025-06-28 15:31:36



PETVET CENTRAL VETERINARY CLINIC
UPTOWN, CAGAYAN DE ORO CITY
09162359535

Global Pioneer of Comprehensive Animal Medical Solutions
Better healthcare for all - Since 1991

