GUARD Test report

Patient:	GUARD	Species:	Feline	Patient ID:	250723982
Client:	YAP	Gender:	Male	Age:	

AI Aided Diag. Explan.

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.

Biochemistry test report

Patient:	GUARD	Species:	Feline	Patient ID:	250723982
Client:	YAP	Gender:	Male	Sample No.:	05
Doctor:		Age:		Time of analysis:	2025/07/29 11:03

	Item		Current result		Ref. Ranges	
Protein	**TP**	↑	**91.4**	g/L	56.5-88.5	
Protein	**ALB**		**24.5**	g/L	22.0-40.0	
Protein	**GLOB**	↑	**66.9**	g/L	28.2-51.3	
Protein	**A/G**		**0.4**			
Liver and gallbladder	**ALT**		**103.6**	U/L	12.0-149.2	
Liver and gallbladder	**ALP**		**31.3**	U/L	8.7-110.9	
Kidneys	**BUN**		**4.72**	mmol/L	4.55-11.41	
Kidneys	**CREA**		**58.00**	μmol/L	28.00-180.00	
Kidneys	**BUN/CREA**		**20.2**			
Energy metabolism	**GLU**		**7.36**	mmol/L	3.39-8.39	

Operator:

Preanesthetic Evaluation Panel **QC QC OK**

HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree):	0

Report Explan.

TP ↑	Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.
GLOB ↑	Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

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 vetXpert C5 Time of Printing:2025-07-29 11:05:43

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Hematology Analysis Report

Patient:	GUARD	Species:	Feline	Patient ID:	250723982
Client:	YAP	Gender:	Male	Sample No.:	05
Doctor:	KRISHA MAE BALLARTA	Age:		Time of analysis:	2025/07/29 10:44

	Para.		Current result		Ref. Ranges	2025/07/23
WBC Para.	WBC	H	33.60	10^9/L	3.46-17.50	29.46
	Neu#	H	25.33	10^9/L	1.95-11.50	20.83
	Lym#		3.33	10^9/L	0.73-7.40	3.12
	Mon#	H	1.24	10^9/L	0.06-0.98	1.44
	Eos#	H	3.63	10^9/L	0.04-1.48	3.98
	Bas#		0.07	10^9/L	0.00-0.25	0.09
	Neu%		0.754		0.300-0.835	0.707
	Lym%		0.099		0.070-0.600	0.106
	Mon%		0.037		0.008-0.080	0.049
	Eos%		0.108		0.005-0.115	0.135
	Bas%		0.002		0.000-0.023	0.003
RBC Para.	RBC	L	5.57	10^12/L	6.30-11.82	5.51
	HGB	L	85	g/L	90-160	85
	HCT	L	0.256		0.260-0.502	0.251
	MCV		46.0	fL	34.0-55.0	45.6
	MCH		15.3	pg	11.0-18.0	15.4
	MCHC		332	g/L	285-384	339
	RDW-CV		0.191		0.142-0.266	0.199
	RDW-SD		32.9	fL	22.0-39.6	33.8
PLT Para.	PLT	L	138	10^9/L	140-595	447
	MPV		13.9	fL	8.6-18.4	13.2
	PDW		14.8		12.0-17.5	14.4
	PCT		1.92	mL/L	1.50-9.00	5.90
	IPF		13.9	%	0.7-28.0	6.9
RET Para.	RET#		18.9	10^9/L	4.0-52.0	27.0
	RET%		0.34	%	0.05-0.90	0.49
	IRF		21.4	%	0.0-33.0	16.2
	LFR		78.6	%	66.0-100.0	83.8
	MFR		17.6	%	0.0-25.8	14.9
	HFR		3.8	%	0.0-8.5	1.3
	RHE		17.1	pg	14.2-21.5	17.6

Operator:

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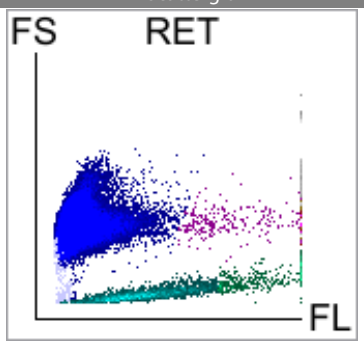
Hematology Analysis Report

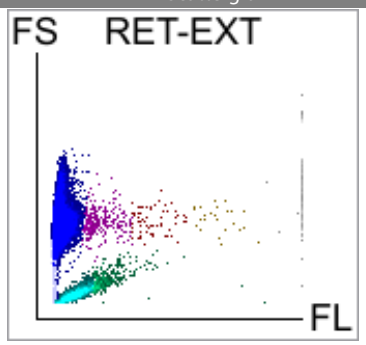
Patient:	GUARD	Species:	Feline	Patient ID:	250723982
Client:	YAP	Gender:	Male	Sample No.:	05
Doctor:	KRISHA MAE BALLARTA	Age:		Time of analysis:	2025/07/29 10:44

RET Scattergram



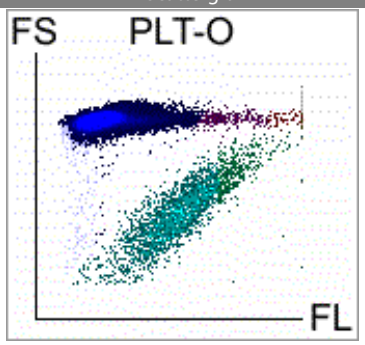
Mature red blood cell
Low fluorescent reticulocyte

RET-EXT Scattergram



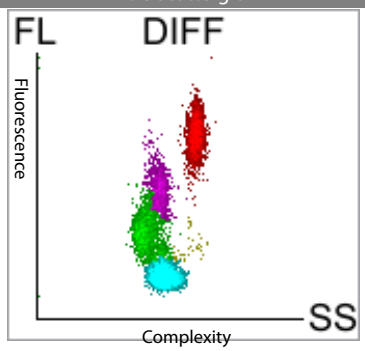
Middle fluorescent reticulocyte
High fluorescent reticulocyte

PLT Scattergram



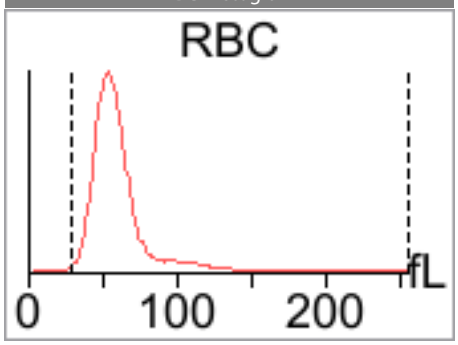
Mature platelet
Immature platelet

WBC Scattergram

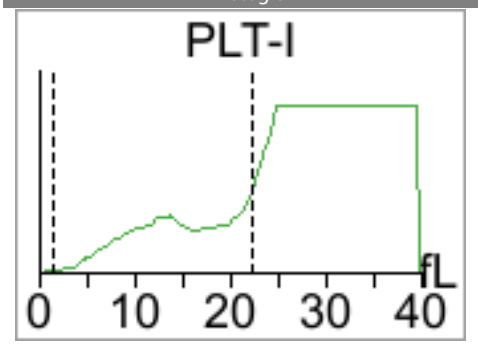


Lymphocyte
Monocyte
Neutrophil
Eosinophil

RBC Histogram



PLT Histogram



Diagnosis implications: **Leucocytosis** **Neutrophilia** **Eosinophilia** **PLT Clump**

Report Explan.

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
Eosinophilia	It occurs in allergy, parasite infection, eosinophilic granuloma, feline bronchial asthma, eosinophilic gastroenteritis/colitis, infectious diseases, and tumors (such as mast cell tumor)
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.

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