

PEARL Test report



Patient:	PEARL	Species:	Feline	Patient ID:	0201202651
Client:	MINOZA	Gender:	Female	Age:	3Y

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.

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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Biochemistry test report

Patient:	PEARL	Species:	Feline	Patient ID:	0201202651
Client:	MINOZA	Gender:	Female	Sample No.:	08
Doctor:		Age:	3Y	Time of analysis:	2026/02/01 16:28

Item		Current result	Ref. Ranges
Protein	TP ↓	54.0 g/L	56.5-88.5
Protein	ALB ↓	20.9 g/L	22.0-40.0
Protein	GLOB	33.1 g/L	28.2-51.3
Protein	A/G	0.6	
Liver and gallbladder	ALT	20.1 U/L	12.0-149.2
Liver and gallbladder	AST	29.7 U/L	0.0-60.0
Liver and gallbladder	AST/ALT	1.48	
Liver and gallbladder	ALP ↓	6.2 U/L	8.7-110.9
Liver and gallbladder	GGT	3.9 U/L	0.0-8.2
Liver and gallbladder	TBIL	10.48 μmol/L	0.00-15.00
Liver and gallbladder	TBA	8.8 μmol/L	0.0-20.0
Pancreas	AMY	660.5 U/L	555.6-1940.0
Kidneys	BUN ↑	14.60 mmol/L	4.55-11.41
Kidneys	CREA	105.00 μmol/L	28.00-180.00
Kidneys	BUN/CREA	34.4	
Cardiovasc./Muscle	CK	341.3 U/L	66.1-530.9
Cardiovasc./Muscle	LDH	213.3 U/L	0.0-334.2
Energy metabolism	GLU ↑	11.51 mmol/L	3.39-8.39
Energy metabolism	TC	2.94 mmol/L	1.87-5.84
Energy metabolism	TG ↑	1.77 mmol/L	0.10-1.30
Minerals	Ca ↓	<1.00 mmol/L	2.10-2.79
Minerals	PHOS	2.45 mmol/L	0.80-2.72
Minerals	CaxP	**** mmol/L^2	
Minerals	Mg ↓	<0.04 mmol/L	0.66-1.22
Electrolytes	Na+	141.8 mmol/L	141.0-166.0
Electrolytes	K+ ↑	>8.5 mmol/L	3.5-5.9
Electrolytes	Na/K	****	
Electrolytes	Cl-	111.9 mmol/L	104.4-129.0

Operator:

Comprehensive Diagnosis Panel

QC QC OK

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



Report Explain.

TP ↓

Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

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Report Explan.

ALB



Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.

BUN



Increase is commonly associated with high protein diet, gastrointestinal bleeding, nephropathy, and urinary obstruction, etc. Reduction is commonly associated with insufficient protein intake and liver failure, etc.

GLU



Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, etc.

Ca



Increase is commonly associated with hypoadrenocorticism, lymphoma, and nephropathy, etc. Reduction is commonly associated with low calcium diet, hypoalbuminemia, nephropathy, and vitamin D deficiency, etc.

Mg



Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, etc.

K+



Increase is commonly associated with high potassium fluid replacement, diabetes, adrenocortical hypofunction, and acute kidney injury, etc. Reduction is commonly associated with low potassium or potassium-free fluid replacement, vomiting, diarrhea, and hypercorticism, etc.

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Hematology Analysis Report

Patient: PEARL Species: Feline Patient ID: 0201202651
 Client: MINOZA Gender: Female Sample No.: 06
 Doctor: Age: 3Years Time of analysis: 2026/02/01 15:09

Para.	Current result	Ref. Ranges
WBC H	37.70 10 ⁹ /L	3.46-17.50
Neu# H	34.08 10 ⁹ /L	1.95-11.50
Lym#	2.26 10 ⁹ /L	0.73-7.40
Mon#	0.72 10 ⁹ /L	0.06-0.98
Eos#	0.60 10 ⁹ /L	0.04-1.48
Bas#	0.04 10 ⁹ /L	0.00-0.25
Neu% H	0.904	0.300-0.835
Lym% L	0.060	0.070-0.600
Mon%	0.019	0.008-0.080
Eos%	0.016	0.005-0.115
Bas%	0.001	0.000-0.023
RBC	8.45 10 ¹² /L	6.30-11.82
HGB	111 g/L	90-160
HCT	0.335	0.260-0.502
MCV	39.7 fL	34.0-55.0
MCH	13.1 pg	11.0-18.0
MCHC	331 g/L	285-384
RDW-CV	0.180	0.142-0.266
RDW-SD	26.6 fL	22.0-39.6
PLT	321 10 ⁹ /L	140-595
MPV	13.4 fL	8.6-18.4
PDW	14.0	12.0-17.5
PCT	4.30 mL/L	1.50-9.00
IPF	12.1 %	0.7-28.0
RET#	43.1 10 ⁹ /L	4.0-52.0
RET%	0.51 %	0.05-0.90
IRF	10.7 %	0.0-33.0
LFR	89.3 %	66.0-100.0
MFR	8.0 %	0.0-25.8
HFR	2.7 %	0.0-8.5
RHE	15.1 pg	14.2-21.5

Operator:

The results only applies to this test sample. Test Instrument: Mindray BC-60R Vet Time of Printing: 2026-02-04 10:02:57



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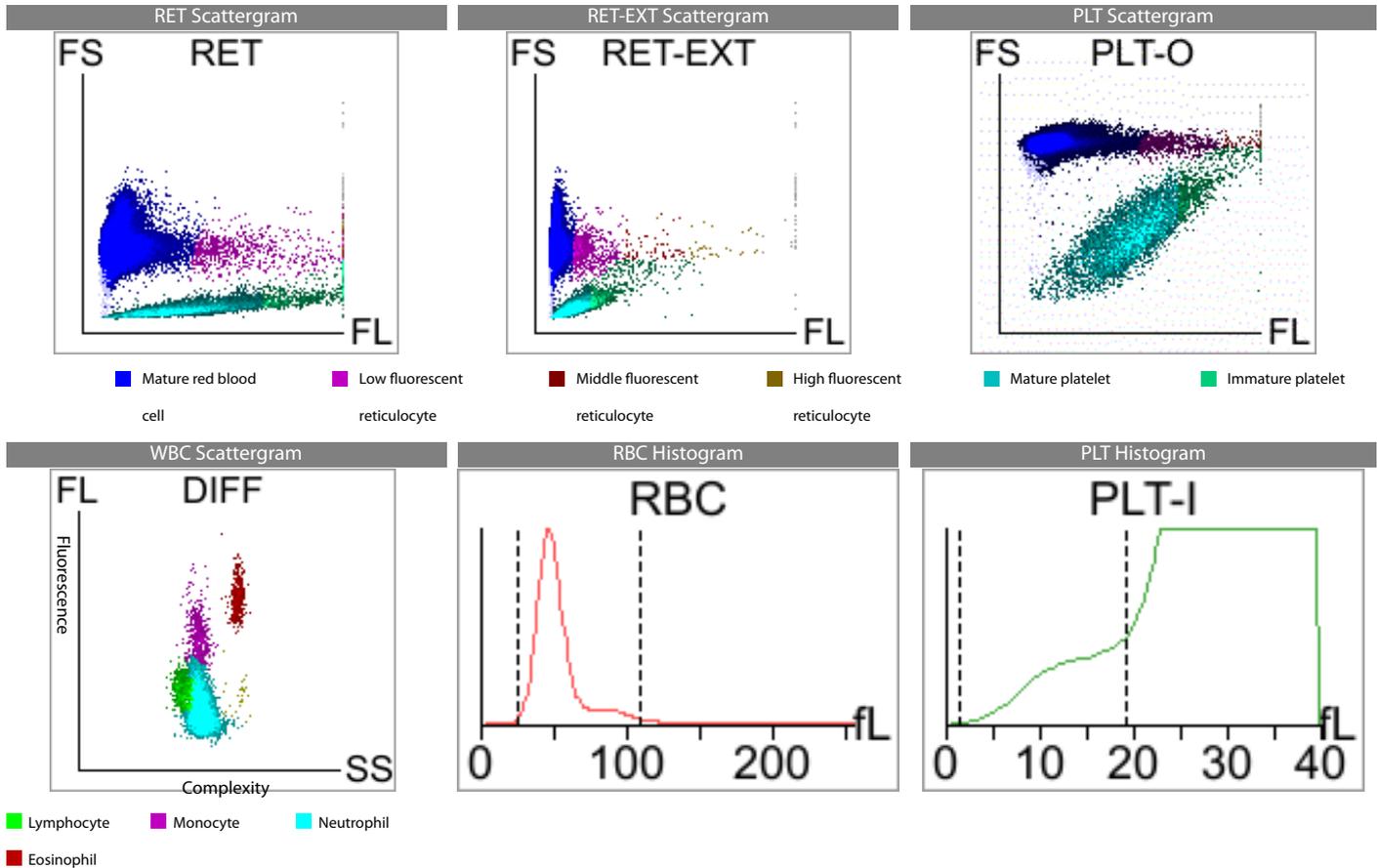
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 Client: MINOZA Gender: Female Sample No.: 06
 Doctor: Age: 3Years Time of analysis: 2026/02/01 15:09



Diagnosis implications:

Leucocytosis **Neutrophilia** **WBC Scattergram Abn**
Band cell suspected

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
WBC Scattergram Abn	The DIFF scattergram may be abnormal due to abnormal lymphocytes, immature granulocytes, blasts, etc
Band cell suspected	Possible presence of band cells and/or toxic neutrophils, and it occurs in infection and inflammation

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