PONKAN Test report

Patient:	PONKAN	Species:	Feline	Patient ID:	251216002
Client:		Gender:	Male	Age:	

AI Aided Diag. Explan.

It is recommended to add symmetric dimethylarginine (SDMA), urinary protein to creatinine ratio (UPC), urinary specific gravity (SG), and imaging examinations to identify the cause and grading of renal dysfunction, based on clinical manifestations and medical history.

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.

Immunoassay test report

Patient:	PONKAN	Species:	Feline	Patient ID:	251216002
Client:		Gender:	Male	Sample No.:	05
Doctor:		Age:		Time of analysis:	2026/02/07 18:28

Lab item		Current result		Ref. Ranges	
fSDMA	↑	**90.7**	µg/dL	0.0-14.0	

Operator:

Report Explan.

fSDMA

Result indications:
<14.0 ug/dL Normal
14.0-20.0 ug/dL Suspected
>20.0 ug/dL Abnormal
Clinical significance:
fSDMA is an early biomarker of progressive kidney injury, and an increase may indicate impaired renal function.

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 I3 Time of Printing:2026-02-13 11:32:22

PETVET CENTRAL VETERINARY CLINIC
UPTOWN, CAGAYAN DE ORO CITY
09162359535

Biochemistry test report

Patient:	PONKAN	Species:	Feline	Patient ID:	251216002
Client:		Gender:	Male	Sample No.:	03
Doctor:		Age:	5Y	Time of analysis:	2026/02/07 14:38

	Item		Current result		Ref. Ranges	
Protein	**TP**		**86.7**	g/L	56.5-88.5	
Protein	**ALB**		**29.9**	g/L	22.0-40.0	
Protein	**GLOB**	↑	**56.8**	g/L	28.2-51.3	
Protein	**A/G**		**0.5**			
Liver and gallbladder	**ALT**		**31.1**	U/L	12.0-149.2	
Liver and gallbladder	**AST**		**32.3**	U/L	0.0-60.0	
Liver and gallbladder	**AST/ALT**		**1.04**			
Liver and gallbladder	**ALP**	↓ I–	**<5.0**	U/L	8.7-110.9	
Liver and gallbladder	**GGT**		**7.2**	U/L	0.0-8.2	
Liver and gallbladder	**TBIL**	↑	**119.08**	μmol/L	0.00-15.00	
Liver and gallbladder	**TBA**		**9.5**	μmol/L	0.0-20.0	
Pancreas	**AMY**		**1314.7**	U/L	555.6-1940.0	
Kidneys	**BUN**	↑	**54.67**	mmol/L	4.55-11.41	
Kidneys	**CREA**	↑	**481.30**	μmol/L	28.00-180.00	
Kidneys	**BUN/CREA**		**28.1**			
Cardiovasc./Muscle	**CK**		**331.7**	U/L	66.1-530.9	
Cardiovasc./Muscle	**LDH**		**139.9**	U/L	0.0-334.2	
Energy metabolism	**GLU**		**6.64**	mmol/L	3.39-8.39	
Energy metabolism	**TC**	↑	**6.11**	mmol/L	1.87-5.84	
Energy metabolism	**TG**	↑	**1.86**	mmol/L	0.10-1.30	
Minerals	**Ca**		**2.26**	mmol/L	2.10-2.79	
Minerals	**PHOS**	↑	**4.63**	mmol/L	0.80-2.72	
Minerals	**CaxP**		**10.46**	mmol/L^2		
Minerals	**Mg**	↑	**1.77**	mmol/L	0.66-1.22	
Electrolytes	**Na+**	↓	**131.6**	mmol/L	141.0-166.0	
Electrolytes	**K+**		**4.0**	mmol/L	3.5-5.9	
Electrolytes	**Na/K**		**32.7**			
Electrolytes	**Cl-**		**116.9**	mmol/L	104.4-129.0	

Operator:

Comprehensive Diagnosis Panel **QC QC OK**

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 0 ICT(Jaundice degree): 2+

Report Explan.

GLOB ↑

Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

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PETVET CENTRAL VETERINARY CLINIC
UPTOWN, CAGAYAN DE ORO CITY
09162359535

Biochemistry test report

Patient:	PONKAN	Species:	Feline	Patient ID:	251216002
Client:		Gender:	Male	Sample No.:	03
Doctor:		Age:	5Y	Time of analysis:	2026/02/07 14:38

Report Explan.

ALP	↓	Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.
TBIL	↑	Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, 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.
CREA	↑	Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.
TC	↑	Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticalismus, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism,etc.
TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticalismus, etc.
PHOS	↑	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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.
Na+	↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, 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. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-02-13 11:32:25

Hematology Analysis Report

Patient:	PONKAN	Species:	Feline	Patient ID:	251216002
Client:		Gender:	Male	Sample No.:	03
Doctor:	PRINCE JOLERRY TAN	Age:	5Years	Time of analysis:	2026/02/07 14:03

	Para.		Current result		Ref. Ranges	2025/12/16
WBC Para.	WBC	H	23.86	10^9/L	3.46-17.50	10.09
	Neu#	H	22.12	10^9/L	1.95-11.50	7.48
	Lym#		0.74	10^9/L	0.73-7.40	1.83
	Mon#		0.95	10^9/L	0.06-0.98	0.78
	Eos#	L	0.02	10^9/L	0.04-1.48	0.01
	Bas#		0.02	10^9/L	0.00-0.25	0.00
	Neu%	H	0.927		0.300-0.835	0.741
	Lym%	L	0.031		0.070-0.600	0.181
	Mon%		0.040		0.008-0.080	0.077
	Eos%	L	0.001		0.005-0.115	0.001
	Bas%		0.001		0.000-0.023	0.000
RBC Para.	RBC	L	4.25	10^12/L	6.30-11.82	3.23
	HGB	L	77	g/L	90-160	59
	HCT	L	0.218		0.260-0.502	0.180
	MCV		51.3	fL	34.0-55.0	55.6
	MCH	H	18.2	pg	11.0-18.0	18.3
	MCHC		353	g/L	285-384	328
	RDW-CV		0.182		0.142-0.266	0.189
	RDW-SD		35.2	fL	22.0-39.6	39.9
PLT Para.	PLT		222	10^9/L	140-595	202
	MPV		17.4	fL	8.6-18.4	12.9
	PDW		14.8		12.0-17.5	15.3
	PCT		3.87	mL/L	1.50-9.00	2.61
	IPF		9.2	%	0.7-28.0	28.8
RET Para.	RET#		11.9	10^9/L	4.0-52.0	21.3
	RET%		0.28	%	0.05-0.90	0.66
	IRF		10.6	%	0.0-33.0	30.0
	LFR		89.4	%	66.0-100.0	70.0
	MFR		10.6	%	0.0-25.8	23.3
	HFR		0.0	%	0.0-8.5	6.7
	RHE		17.4	pg	14.2-21.5	17.6

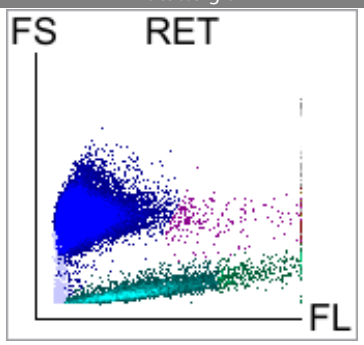
Operator:

The results only applies to this test sample. Test Instrument:Mindray BC-60R Vet Time of Printing:2026-02-13 11:32:27

Hematology Analysis Report

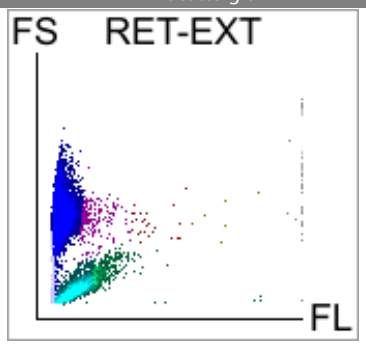
Patient:	PONKAN	Species:	Feline	Patient ID:	251216002
Client:		Gender:	Male	Sample No.:	03
Doctor:	PRINCE JOLERRY TAN	Age:	5Years	Time of analysis:	2026/02/07 14:03

RET Scattergram



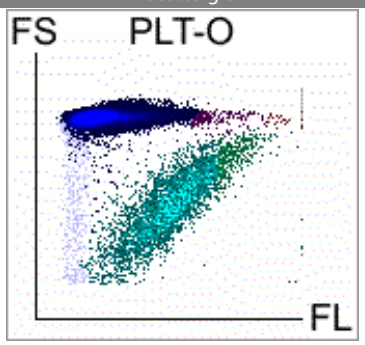
Mature red blood cell
Low fluorescent reticulocyte

RET-EXT Scattergram



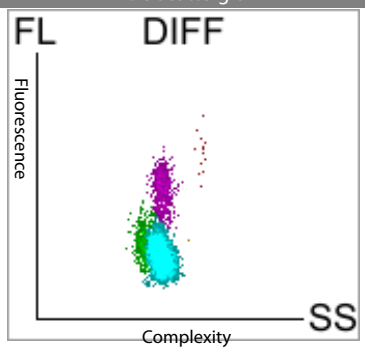
Middle fluorescent reticulocyte
High fluorescent reticulocyte

PLT Scattergram



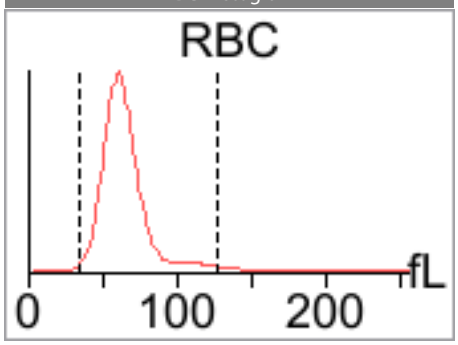
Mature platelet
Immature platelet

WBC Scattergram

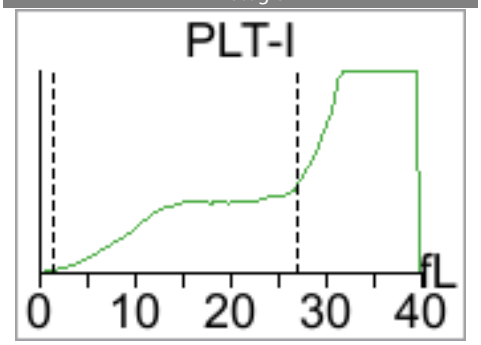


Lymphocyte
Monocyte
Neutrophil
Eosinophil

RBC Histogram



PLT Histogram



Diagnosis implications: **Anemia** **Leucocytosis** **Neutrophilia** **Band cell suspected**

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

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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