

Biochemistry test report



Patient:	MAX	Species:	Feline	Patient ID:	260805002
Client:	MONSANTO	Gender:	Male	Sample No.:	02
Doctor:		Age:	3Y	Time of analysis:	2026/08/05 12:49

Item		Current result		Ref. Ranges	
Protein	TP	83.4	g/L	56.5-88.5	
Protein	ALB	34.3	g/L	22.0-40.0	
Protein	GLOB	49.1	g/L	28.2-55.8	
Protein	A/G	0.7			
Liver and gallbladder	ALT	65.4	U/L	12.0-149.2	
Liver and gallbladder	AST	56.6	U/L	0.0-60.0	
Liver and gallbladder	AST/ALT	0.87			
Liver and gallbladder	ALP	46.0	U/L	8.7-110.9	
Liver and gallbladder	GGT	<2.0	U/L	0.0-8.2	
Liver and gallbladder	TBIL	↑ 38.75	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	12.2	μmol/L	0.0-20.0	
Pancreas	AMY	1167.1	U/L	555.6-1940.0	
Pancreas	LIPA-D	↑ 48.3	U/L	0.0-20.0	
Kidneys	BUN	↑ >65.00	mmol/L	4.55-13.00	
Kidneys	CREA	↑ >2000.00	μmol/L	28.00-180.00	
Kidneys	BUN/CREA	****			
Cardiovasc./Muscle	CK	120.9	U/L	40.0-530.9	
Cardiovasc./Muscle	LDH	222.3	U/L	0.0-334.2	
Energy metabolism	GLU	↑ 19.02	mmol/L	3.39-8.39	
Energy metabolism	TC	4.43	mmol/L	1.87-5.84	
Energy metabolism	TG	↑ >6.00	mmol/L	0.10-1.30	
Minerals	Ca	↓ 1.85	mmol/L	1.95-2.79	
Minerals	PHOS	↑ 5.18	mmol/L	0.80-2.72	
Minerals	CaxP	9.59	(mmol/L) ²		
Minerals	Mg	↑ 1.92	mmol/L	0.66-1.22	
Electrolytes	Na+	159.6	mmol/L	141.0-166.0	
Electrolytes	K+	↑ 8.4	mmol/L	3.5-5.9	
Electrolytes	Na/K	19.0			
Electrolytes	Cl-	↓ 93.7	mmol/L	102.4-129.0	

LIPA-D: 0.0-20.0 U/L Negative 20.0-30.0 U/L Suspected >30.0 U/L Positive

Operator:

Comprehensive Diagnosis Panel		QC QC Fail	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0
		ICT(Jaundice degree):	1+

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-08-05 12:49:40



PETVET CENTRAL VET CLINIC – BARRA
ZONE 4, BARRA, OPOL, MISAMIS ORIENTAL
0927 569 8880

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

mindray
animal medical

Biochemistry test report



Patient:	MAX	Species:	Feline	Patient ID:	260805002
Client:	MONSANTO	Gender:	Male	Sample No.:	02
Doctor:		Age:	3Y	Time of analysis:	2026/08/05 12:49



Report Explan.

TBIL

↑

Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, etc.

LIPA-D

↑

Increase is commonly associated with pancreatitis, pancreatic tumor, 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.

GLU

↑

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

TG

↑

Increase is commonly associated with postprandial, obesity, diabetes and hypercorticalismus, 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.

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.

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 hypercorticalismus, etc.

Cl-

↓

Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, 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: 2026-08-05 12:49:40



PETVET CENTRAL VET CLINIC – BARRA
ZONE 4, BARRA, OPOL, MISAMIS ORIENTAL
0927 569 8880

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

mindray
animal medical