Biochemistry test report



Patient:	LUCIFER	Species:	Feline	Patient ID:	260827002
Client:	DAGANGAN	Gender:	Male	Sample No.:	02
Doctor:		Age:	1Y	Time of analysis:	2026/08/27 13:35

	Item		Current result		Ref. Ranges
Protein	**TP**		**65.7**	g/L	56.5-88.5
Protein	**ALB**		**28.9**	g/L	22.0-40.0
Protein	**GLOB**		**36.9**	g/L	28.2-55.8
Protein	**A/G**		**0.8**		
Liver and gallbladder	**ALT**		**42.0**	U/L	12.0-149.2
Liver and gallbladder	**AST**		**28.1**	U/L	0.0-60.0
Liver and gallbladder	**AST/ALT**		**0.67**		
Liver and gallbladder	**ALP**		**15.6**	U/L	8.7-110.9
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-8.2
Liver and gallbladder	**TBIL**	↑	**46.70**	μmol/L	0.00-15.00
Liver and gallbladder	**TBA**	↑	**54.8**	μmol/L	0.0-20.0
Pancreas	**AMY**		**1011.9**	U/L	555.6-1940.0
Pancreas	**LIPA-D**		**11.8**	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**	↑	**678.1**	U/L	40.0-530.9
Cardiovasc./Muscle	**LDH**		**249.9**	U/L	0.0-334.2
Energy metabolism	**GLU**	↑	**20.56**	mmol/L	3.39-8.39
Energy metabolism	**TC**		**3.74**	mmol/L	1.87-5.84
Energy metabolism	**TG**	↑	**1.82**	mmol/L	0.10-1.30
Minerals	**Ca**	↓	**1.51**	mmol/L	1.95-2.79
Minerals	**PHOS**	↑	**>6.50**	mmol/L	0.80-2.72
Minerals	**CaxP**		****	$(mmol/L)^2$	
Minerals	**Mg**	↑	**1.89**	mmol/L	0.66-1.22
Electrolytes	**Na+**		**151.8**	mmol/L	141.0-166.0
Electrolytes	**K+**	↑	**>8.5**	mmol/L	3.5-5.9
Electrolytes	**Na/K**		****		
Electrolytes	**Cl-**	↓	**86.0**	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 OK**

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:2026-08-27 13:37:38

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:	LUCIFER	Species:	Feline	Patient ID:	260827002
Client:	DAGANGAN	Gender:	Male	Sample No.:	02
Doctor:		Age:	1Y	Time of analysis:	2026/08/27 13:35

Report Explan.

TBIL	↑	Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, etc.
TBA	↑	Increase is commonly associated with hepatic insufficiency or failure, portal vein shunt, and cholestasis, etc. Reduction is commonly associated with long-term fasting and intestinal malabsorption, 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.
CK	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, 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:2026-08-27 13:37:38

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