Biochemistry test report



Patient:	IO	Species:	Feline	Patient ID:	260427003
Client:	SILAN	Gender:	Male	Sample No.:	08
Doctor:		Age:	1Y	Time of analysis:	2026/08/11 16:35

	Item		Current result		Ref. Ranges
Protein	**TP**		**80.3**	g/L	56.5-88.5
Protein	**ALB**		**32.7**	g/L	22.0-40.0
Protein	**GLOB**		**47.6**	g/L	28.2-55.8
Protein	**A/G**		**0.7**		
Liver and gallbladder	**ALT**		**69.6**	U/L	12.0-149.2
Liver and gallbladder	**AST**		**23.6**	U/L	0.0-60.0
Liver and gallbladder	**AST/ALT**		**0.34**		
Liver and gallbladder	**ALP**		**8.9**	U/L	8.7-110.9
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-8.2
Liver and gallbladder	**TBIL**		**<1.70**	μmol/L	0.00-15.00
Liver and gallbladder	**TBA**		**<1.0**	μmol/L	0.0-20.0
Pancreas	**AMY**		**947.2**	U/L	555.6-1940.0
Pancreas	**LIPA-D**		**12.8**	U/L	0.0-20.0
Kidneys	**BUN**	↑	**31.12**	mmol/L	4.55-13.00
Kidneys	**CREA**	↑	**268.30**	μmol/L	28.00-180.00
Kidneys	**BUN/CREA**		**28.7**		
Cardiovasc./Muscle	**CK**		**182.6**	U/L	40.0-530.9
Cardiovasc./Muscle	**LDH**		**96.9**	U/L	0.0-334.2
Energy metabolism	**GLU**		**6.77**	mmol/L	3.39-8.39
Energy metabolism	**TC**		**3.20**	mmol/L	1.87-5.84
Energy metabolism	**TG**	↑	**2.27**	mmol/L	0.10-1.30
Minerals	**Ca**		**2.15**	mmol/L	1.95-2.79
Minerals	**PHOS**		**1.18**	mmol/L	0.80-2.72
Minerals	**CaxP**		**2.53**	$(mmol/L)^2$	
Minerals	**Mg**	↑	**1.31**	mmol/L	0.66-1.22
Electrolytes	**Na+**		**145.5**	mmol/L	141.0-166.0
Electrolytes	**K+**		**4.5**	mmol/L	3.5-5.9
Electrolytes	**Na/K**		**32.2**		
Electrolytes	**Cl-**		**110.7**	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 OK**

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

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-08-11 16:36:05

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Report Explan.

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

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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