Biochemistry test report



Patient:	MAX	Species:	Feline	Patient ID:	260805002
Client:	MONSANTO	Gender:	Male	Sample No.:	07
Doctor:		Age:	3Y	Time of analysis:	2026/08/12 16:43

	Item		Current result		Ref. Ranges	2026/08/05
Protein	**TP**		**76.2**	g/L	56.5-88.5	**83.4**
Protein	**ALB**		**32.1**	g/L	22.0-40.0	**34.3**
Protein	**GLOB**		**44.2**	g/L	28.2-55.8	**49.1**
Protein	**A/G**		**0.7**			**0.7**
Liver and gallbladder	**ALT**	↑	**150.5**	U/L	12.0-149.2	**65.4**
Liver and gallbladder	**AST**	↑	**62.9**	U/L	0.0-60.0	**56.6**
Liver and gallbladder	**AST/ALT**		**0.42**			**0.87**
Liver and gallbladder	**ALP**		**50.4**	U/L	8.7-110.9	**46.0**
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-8.2	**<2.0**
Liver and gallbladder	**TBIL**		**<1.70**	μmol/L	0.00-15.00	**38.75**
Liver and gallbladder	**TBA**		**4.7**	μmol/L	0.0-20.0	**12.2**
Pancreas	**AMY**		**1408.0**	U/L	555.6-1940.0	**1167.1**
Pancreas	**LIPA-D**		**16.5**	U/L	0.0-20.0	**48.3**
Kidneys	**BUN**		**8.56**	mmol/L	4.55-13.00	**>65.00**
Kidneys	**CREA**		**50.20**	μmol/L	28.00-180.00	**>2000.00**
Kidneys	**BUN/CREA**		**42.2**			****
Cardiovasc./Muscle	**CK**	↑	**1607.3**	U/L	40.0-530.9	**120.9**
Cardiovasc./Muscle	**LDH**		**258.9**	U/L	0.0-334.2	**222.3**
Energy metabolism	**GLU**		**5.54**	mmol/L	3.39-8.39	**19.02**
Energy metabolism	**TC**		**3.24**	mmol/L	1.87-5.84	**4.43**
Energy metabolism	**TG**		**1.23**	mmol/L	0.10-1.30	**>6.00**
Minerals	**Ca**		**2.69**	mmol/L	1.95-2.79	**1.85**
Minerals	**PHOS**	↓	**0.74**	mmol/L	0.80-2.72	**5.18**
Minerals	**CaxP**		**2.01**	$(mmol/L)^2$		**9.59**
Minerals	**Mg**		**1.04**	mmol/L	0.66-1.22	**1.92**
Electrolytes	**Na+**		**158.4**	mmol/L	141.0-166.0	**159.6**
Electrolytes	**K+**		**5.9**	mmol/L	3.5-5.9	**8.4**
Electrolytes	**Na/K**		**26.6**			**19.0**
Electrolytes	**Cl-**		**111.1**	mmol/L	102.4-129.0	**93.7**

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):	0

Report Explan.

ALT	↑	Increase is commonly associated with liver injury and muscle injury, etc.

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-08-12 16:47:20

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Report Explan.

AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
CK	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.
PHOS	↓	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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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