Biochemistry test report



Patient:	KOKI	Species:	Feline	Patient ID:	2509112
Client:	ARSULA	Gender:	Neutered	Sample No.:	05
Doctor:		Age:	4Y	Time of analysis:	2026/08/24 15:16

	Item		Current result		Ref. Ranges	2026/08/17
Protein	**TP**	↑	**106.2**	g/L	56.5-88.5	**103.7**
Protein	**ALB**		**30.7**	g/L	22.0-40.0	**30.2**
Protein	**GLOB**	↑	**75.5**	g/L	28.2-55.8	**73.5**
Protein	**A/G**		**0.4**			**0.4**
Liver and gallbladder	**ALT**		**72.3**	U/L	12.0-149.2	**68.3**
Liver and gallbladder	**AST**		**31.0**	U/L	0.0-60.0	**38.8**
Liver and gallbladder	**AST/ALT**		**0.43**			**0.57**
Liver and gallbladder	**ALP**		**29.4**	U/L	8.7-110.9	**7.2**
Liver and gallbladder	**GGT**		**<2.0**	U/L	0.0-8.2	**<2.0**
Liver and gallbladder	**TBIL**	↑	**44.03**	μmol/L	0.00-15.00	**98.52**
Liver and gallbladder	**TBA**		**9.4**	μmol/L	0.0-20.0	**5.8**
Pancreas	**AMY**		**1614.9**	U/L	555.6-1940.0	**1392.5**
Pancreas	**LIPA-D**		**16.2**	U/L	0.0-20.0	**23.0**
Kidneys	**BUN**	↑	**23.35**	mmol/L	4.55-13.00	**>65.00**
Kidneys	**CREA**	↑	**712.50**	μmol/L	28.00-180.00	**1273.80**
Kidneys	**BUN/CREA**		**8.1**			****
Cardiovasc./Muscle	**CK**		**87.0**	U/L	40.0-530.9	**113.9**
Cardiovasc./Muscle	**LDH**		**109.7**	U/L	0.0-334.2	**178.1**
Energy metabolism	**GLU**		**5.32**	mmol/L	3.39-8.39	**6.64**
Energy metabolism	**TC**		**4.60**	mmol/L	1.87-5.84	**2.61**
Energy metabolism	**TG**	↑	**1.36**	mmol/L	0.10-1.30	**1.18**
Minerals	**Ca**		**2.42**	mmol/L	1.95-2.79	**1.77**
Minerals	**PHOS**		**2.67**	mmol/L	0.80-2.72	**5.46**
Minerals	**CaxP**		**6.47**	$(mmol/L)^2$		**9.69**
Minerals	**Mg**	↑	**1.28**	mmol/L	0.66-1.22	**1.84**
Electrolytes	**Na+**		**156.5**	mmol/L	141.0-166.0	**149.5**
Electrolytes	**K+**		**4.5**	mmol/L	3.5-5.9	**5.4**
Electrolytes	**Na/K**		**34.5**			**27.5**
Electrolytes	**Cl-**		**119.1**	mmol/L	102.4-129.0	**78.7**

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 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:2026-08-24 15:18:05

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Report Explan.

TP	↑	Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.
GLOB	↑	Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.
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.
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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