

# Biochemistry test report



Patient:	KAKASHI	Species:	Feline	Patient ID:	2507311
Client:	ALBANO	Gender:	Neutered	Sample No.:	1
Doctor:		Age:	5Y	Time of analysis:	2025/07/31 10:42

Item		Current result		Ref. Ranges	
Protein	TP	85.1	g/L	56.5-88.5	
Protein	ALB	39.2	g/L	22.0-40.0	
Protein	GLOB	46.0	g/L	28.2-51.3	
Protein	A/G	0.9			
Liver and gallbladder	ALT	<span>↑</span> 202.4	U/L	12.0-149.2	
Liver and gallbladder	AST	<span>↑ L+</span> 66.6	U/L	0.0-60.0	
Liver and gallbladder	AST/ALT	0.33			
Liver and gallbladder	ALP	34.9	U/L	8.7-110.9	
Liver and gallbladder	GGT	6.4	U/L	0.0-8.2	
Liver and gallbladder	TBIL	<1.70	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	2.6	μmol/L	0.0-20.0	
Pancreas	AMY	1234.5	U/L	555.6-1940.0	
Kidneys	BUN	8.76	mmol/L	4.55-11.41	
Kidneys	CREA	105.80	μmol/L	28.00-180.00	
Kidneys	BUN/CREA	20.5			
Cardiovasc./Muscle	CK	227.6	U/L	66.1-530.9	
Cardiovasc./Muscle	LDH	<span>↑</span> 376.7	U/L	0.0-334.2	
Energy metabolism	GLU	5.16	mmol/L	3.39-8.39	
Energy metabolism	TC	3.93	mmol/L	1.87-5.84	
Energy metabolism	TG	<span>↑</span> 5.99	mmol/L	0.10-1.30	
Minerals	Ca	2.49	mmol/L	2.10-2.79	
Minerals	PHOS	<span>↓</span> 0.78	mmol/L	0.80-2.72	
Minerals	CaxP	1.95	mmol/L^2		
Minerals	Mg	0.87	mmol/L	0.73-1.22	
Electrolytes	Na+	L- 152.7	mmol/L	141.0-166.0	
Electrolytes	K+	5.3	mmol/L	3.5-5.9	
Electrolytes	Na/K	28.7			
Electrolytes	Cl-	<span>↓</span> 102.4	mmol/L	104.4-129.0	

Operator:

Comprehensive Diagnosis Panel			QC QC OK	
HEM(Hemolysis degree):	1+	LIP(Lipemia degree):	2+	ICT(Jaundice degree): 0

The results only applies to this test sample.      Test Instrument:Mindray vetXpert C5      Time of Printing:2025-07-31 16:07:20



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## Report Explan.

ALT	↑	Increase is commonly associated with liver injury and muscle injury, etc.
AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
LDH	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.
TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, etc.
PHOS	↓	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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.  
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