

Biochemistry test report



Patient:	THOR	Species:	Canine	Patient ID:	260704005
Client:	RAMOS	Gender:	Male	Sample No.:	05
Doctor:		Age:	3Y	Time of analysis:	2026/07/04 16:03

Item		Current result		Ref. Ranges	
Protein	TP	62.5	g/L	52.0-82.0	
Protein	ALB	25.3	g/L	21.0-40.0	
Protein	GLOB	37.3	g/L	25.4-52.0	
Protein	A/G	0.7			
Liver and gallbladder	ALT	34.0	U/L	10.1-100.3	
Liver and gallbladder	AST	39.2	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	1.15			
Liver and gallbladder	ALP	46.1	U/L	15.5-212.0	
Liver and gallbladder	GGT	3.3	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<1.70	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-30.0	
Pancreas	AMY	↑ 2544.6	U/L	397.7-1285.1	
Pancreas	LIPA-D	↑ >500.0	U/L	0.0-100.0	
Kidneys	BUN	↑ 36.05	mmol/L	2.50-9.77	
Kidneys	CREA	↑ 274.70	μmol/L	20.00-123.70	
Kidneys	BUN/CREA	32.5			
Cardiovasc./Muscle	CK	↑ 565.9	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	78.2	U/L	0.0-143.6	
Energy metabolism	GLU	4.37	mmol/L	3.80-7.50	
Energy metabolism	TC	↓ 2.58	mmol/L	2.67-8.38	
Energy metabolism	TG	0.64	mmol/L	0.10-1.30	
Minerals	Ca	↓ 2.03	mmol/L	2.10-2.97	
Minerals	PHOS	↑ 3.31	mmol/L	0.70-2.20	
Minerals	CaxP	6.72	(mmol/L) ²		
Minerals	Mg	↑ 1.32	mmol/L	0.53-1.06	
Electrolytes	Na+	144.2	mmol/L	138.0-160.0	
Electrolytes	K+	4.2	mmol/L	3.5-5.9	
Electrolytes	Na/K	34.6			
Electrolytes	Cl-	105.9	mmol/L	100.7-125.0	

LIPA-D: 0.0-100.0 U/L Negative 100.0-200.0 U/L Suspected >200.0 U/L Positive

Operator:

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

Report Explan.

AMY



Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2026-07-04 16:03:41



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Report Explan.		
LIPA-D	↑	Increase is commonly associated with pancreatitis, pancreatic tumor, 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.
TC	↓	Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticism, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism, 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.

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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