



Biochemistry test report

Patient:	HAMMY	Species:	Canine	Patient ID:	260424005
Client:	TUBOG	Gender:	Female	Sample No.:	05
Doctor:		Age:	5Y	Time of analysis:	2026/04/24 14:57

Item		Current result	Ref. Ranges
Protein	TP	↑ 91.2 g/L	53.1-79.2
Protein	ALB	25.4 g/L	23.4-40.0
Protein	GLOB	↑ 65.8 g/L	25.4-52.0
Protein	A/G	0.4	
Liver and gallbladder	ALT	↓ 9.9 U/L	10.1-100.3
Liver and gallbladder	AST	15.1 U/L	0.0-51.7
Liver and gallbladder	AST/ALT	1.53	
Liver and gallbladder	ALP	148.9 U/L	15.5-212.0
Liver and gallbladder	GGT	7.1 U/L	0.0-15.9
Liver and gallbladder	TBIL	<1.70 μmol/L	0.00-15.00
Liver and gallbladder	TBA	2.4 μmol/L	0.0-30.0
Pancreas	AMY	↑ 2663.5 U/L	397.7-1285.1
Kidneys	BUN	8.42 mmol/L	2.50-9.77
Kidneys	CREA	26.40 μmol/L	20.00-123.70
Kidneys	BUN/CREA	78.8	
Cardiovasc./Muscle	CK	84.1 U/L	66.4-257.5
Cardiovasc./Muscle	LDH	80.7 U/L	0.0-143.6
Energy metabolism	GLU	5.20 mmol/L	3.80-7.50
Energy metabolism	TC	7.11 mmol/L	2.67-8.38
Energy metabolism	TG	↑ 1.50 mmol/L	0.10-1.30
Minerals	Ca	↑ 3.12 mmol/L	2.10-2.97
Minerals	PHOS	1.24 mmol/L	0.80-2.20
Minerals	CaxP	3.86 mmol/L^2	
Minerals	Mg	0.61 mmol/L	0.53-1.06
Electrolytes	Na+	140.5 mmol/L	138.0-160.0
Electrolytes	K+	5.3 mmol/L	3.5-5.9
Electrolytes	Na/K	26.4	
Electrolytes	Cl-	↓ 101.6 mmol/L	102.7-125.0

Operator:

Comprehensive Diagnosis Panel

QC QC OK

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



Report Explain.

TP ↑

Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-04-24 15:03:02



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Report Explan.

GLOB



Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

ALT



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

AMY



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

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, 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.

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. The results only applies to this test sample.

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