

Biochemistry test report



Patient:	HEARTMOTH	Species:	Canine	Patient ID:	118487
Client:	CHERRY CARRETAS	Gender:	Male	Sample No.:	06
Doctor:		Age stage:		Time of analysis:	2025/05/19 13:18

Item		Current result		Ref. Ranges	
Protein	TP	↑	11.65	g/dL 5.31-7.92	
Protein	ALB		2.55	g/dL 2.34-4.00	
Protein	GLOB	↑	9.10	g/dL 2.54-4.40	
Protein	A/G		0.3		
Liver and gallbladder	ALT		58.0	U/L 10.1-100.3	
Liver and gallbladder	AST	↑	243.4	U/L 21.0-51.7	
Liver and gallbladder	AST/ALT		4.20		
Liver and gallbladder	ALP		31.7	U/L 15.5-125.0	
Liver and gallbladder	GGT		<2.0	U/L 0.0-15.9	
Liver and gallbladder	TBIL		0.20	mg/dL 0.00-0.88	
Liver and gallbladder	TBA		<1.0	μmol/L 0.0-10.0	
Pancreas	AMY		1005.2	U/L 397.7-1285.1	
Kidneys	BUN		23.97	mg/dL 7.03-27.45	
Kidneys	CREA		1.02	mg/dL 0.38-1.40	
Kidneys	BUN/CREA		23.5		
Cardiovasc./Muscle	CK	↑	>2500.0	U/L 66.4-257.5	
Cardiovasc./Muscle	LDH	↑	161.9	U/L 36.4-143.6	
Energy metabolism	GLU		104.0	mg/dL 68.5-113.3	
Energy metabolism	TC		173.6	mg/dL 103.2-324.1	
Energy metabolism	TG		43.4	mg/dL 8.9-115.1	
Minerals	Ca		10.04	mg/dL 9.20-11.88	
Minerals	PHOS	↓	1.64	mg/dL 3.10-6.81	
Minerals	CaxP		1.32	mmol/L^2	
Minerals	Mg		2.31	mg/dL 1.73-2.58	
Electrolytes	Na+		154.3	mmol/L 141.6-160.0	
Electrolytes	K+		4.5	mmol/L 3.5-5.9	
Electrolytes	Na/K		34.2		
Electrolytes	Cl-	↑	130.2	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

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5 Time of Printing:2025-05-19 13:19:23



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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.

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.

LDH



Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, 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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