

Biochemistry test report



Patient:	Mamon	Species:	Canine	Patient ID:	260714002
Client:	Recyn Garcia	Gender:	Male	Sample No.:	0000002
Doctor:		Age:	5M	Time of analysis:	2026/07/14 15:59

Item		Current result		Ref. Ranges	
Protein	TP	7.07	g/dL	5.20-8.20	
Protein	ALB	2.66	g/dL	2.10-4.00	
Protein	GLOB	4.42	g/dL	2.54-5.20	
Protein	A/G	0.6			
Liver and gallbladder	ALT	91.6	U/L	10.1-100.3	
Liver and gallbladder	AST	↑ 53.0	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.58			
Liver and gallbladder	ALP	100.9	U/L	15.5-212.0	
Liver and gallbladder	GGT	4.4	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.37	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	2.5	μmol/L	0.0-30.0	
Pancreas	AMY	813.5	U/L	397.7-1285.1	
Pancreas	LIPA-D	26.8	U/L	0.0-100.0	
Kidneys	BUN	↑ 42.04	mg/dL	7.02-27.45	
Kidneys	CREA	0.65	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	64.9			
Cardiovasc./Muscle	CK	↑ 350.4	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ 174.8	U/L	0.0-143.6	
Energy metabolism	GLU	120.1	mg/dL	68.5-135.2	
Energy metabolism	TC	266.8	mg/dL	103.2-324.1	
Energy metabolism	TG	80.2	mg/dL	8.9-115.1	
Minerals	Ca	9.69	mg/dL	8.40-11.88	
Minerals	PHOS	4.69	mg/dL	2.17-6.81	
Minerals	CaxP	3.67	(mmol/L) ²		
Minerals	Mg	1.77	mg/dL	1.29-2.58	
Electrolytes	Na+	140.0	mmol/L	138.0-160.0	
Electrolytes	K+	3.9	mmol/L	3.5-5.9	
Electrolytes	Na/K	35.9			
Electrolytes	Cl-	111.6	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.

AST



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

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2026-07-14 16:10:24



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Report Explan.

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.

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.

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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