

Biochemistry test report



Patient:	ASH	Species:	Canine	Patient ID:	2505191
Client:	LILANGAN, CINDY	Gender:	Male	Sample No.:	01
Doctor:		Age stage:		Time of analysis:	2025/05/19 09:57

Item		Current result		Ref. Ranges	
Protein	TP	6.84	g/dL	5.31-7.92	
Protein	ALB	2.51	g/dL	2.34-4.00	
Protein	GLOB	4.32	g/dL	2.54-4.40	
Protein	A/G	0.6			
Liver and gallbladder	ALT	34.7	U/L	10.1-100.3	
Liver and gallbladder	AST	↑ 80.0	U/L	21.0-51.7	
Liver and gallbladder	AST/ALT	2.30			
Liver and gallbladder	ALP	↑ 148.2	U/L	15.5-125.0	
Liver and gallbladder	GGT	8.4	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.36	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-10.0	
Pancreas	AMY	780.8	U/L	397.7-1285.1	
Kidneys	BUN	↑ 92.67	mg/dL	7.03-27.45	
Kidneys	CREA	↑ 2.32	mg/dL	0.38-1.40	
Kidneys	BUN/CREA	39.8			
Cardiovasc./Muscle	CK	↑ 2154.6	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	81.5	U/L	36.4-143.6	
Energy metabolism	GLU	↑ 172.5	mg/dL	68.5-113.3	
Energy metabolism	TC	251.7	mg/dL	103.2-324.1	
Energy metabolism	TG	108.9	mg/dL	8.9-115.1	
Minerals	Ca	↓ 5.64	mg/dL	9.20-11.88	
Minerals	PHOS	6.57	mg/dL	3.10-6.81	
Minerals	CaxP	2.99	mmol/L^2		
Minerals	Mg	↑ 3.62	mg/dL	1.73-2.58	
Electrolytes	Na+	↓ 125.2	mmol/L	141.6-160.0	
Electrolytes	K+	4.2	mmol/L	3.5-5.9	
Electrolytes	Na/K	29.6			
Electrolytes	Cl-	↓ 81.3	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 09:58:13



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Report Explan.		
AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
ALP	↑	Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, 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.
GLU	↑	Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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.
Mg	↑	Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, etc.
Na+	↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, 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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