

Biochemistry test report



Patient:	Jaya	Species:	Canine	Patient ID:	2504212
Client:	Anthony Cerezo	Gender:	Female	Sample No.:	0000002
Doctor:		Age stage:		Time of analysis:	2025/04/21 03:56

Item		Current result		Ref. Ranges	
Protein	TP	7.74	g/dL	5.31-7.92	
Protein	ALB	3.02	g/dL	2.34-4.00	
Protein	GLOB	↑ 4.73	g/dL	2.54-4.40	
Protein	A/G	0.6			
Liver and gallbladder	ALT	27.0	U/L	10.1-100.3	
Liver and gallbladder	AST	46.7	U/L	21.0-51.7	
Liver and gallbladder	AST/ALT	1.73			
Liver and gallbladder	ALP	33.6	U/L	15.5-125.0	
Liver and gallbladder	GGT	5.5	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.12	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-10.0	
Pancreas	AMY	755.4	U/L	397.7-1285.1	
Kidneys	BUN	9.35	mg/dL	7.02-27.45	
Kidneys	CREA	0.81	mg/dL	0.38-1.40	
Kidneys	BUN/CREA	11.5			
Cardiovasc./Muscle	CK	↑ 416.9	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	114.6	U/L	36.4-143.6	
Energy metabolism	GLU	93.2	mg/dL	68.5-113.3	
Energy metabolism	TC	153.0	mg/dL	103.2-324.1	
Energy metabolism	TG	43.8	mg/dL	8.9-115.1	
Minerals	Ca	↓ <4.00	mg/dL	9.20-11.88	
Minerals	PHOS	3.30	mg/dL	3.10-6.81	
Minerals	CaxP	****	mmol/L^2		
Minerals	Mg	↓ <0.10	mg/dL	1.73-2.58	
Electrolytes	Na+	148.1	mmol/L	141.6-160.0	
Electrolytes	K+	↑ 8.1	mmol/L	3.5-5.9	
Electrolytes	Na/K	18.3			
Electrolytes	Cl-	↓ 98.9	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
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The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-04-21 13:51:19



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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.

CK



Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, 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.

K+



Increase is commonly associated with high potassium fluid replacement, diabetes, adrenocortical hypofunction, and acute kidney injury, etc. Reduction is commonly associated with low potassium or potassium-free fluid replacement, vomiting, diarrhea, and hypercorticism, 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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