

Biochemistry test report



Patient: Tiva Species: Canine Patient ID: 251216001
Client: Nikki Bragado Gender: Female Sample No.: 0000001
Doctor: Age: 8Y Time of analysis: 2025/12/16 15:43

Item		Current result		Ref. Ranges	
Protein	TP	6.66	g/dL	5.31-7.92	
Protein	ALB	2.50	g/dL	2.34-4.00	
Protein	GLOB	4.16	g/dL	2.54-5.20	
Protein	A/G	0.6			
Liver and gallbladder	ALT	19.7	U/L	10.1-100.3	
Liver and gallbladder	AST	20.2	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	1.03			
Liver and gallbladder	ALP	15.4	U/L	15.5-212.0	
Liver and gallbladder	GGT	4.4	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-30.0	
Pancreas	AMY	999.4	U/L	397.7-1285.1	
Kidneys	BUN	10.75	mg/dL	7.02-27.45	
Kidneys	CREA	0.61	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	17.6			
Cardiovasc./Muscle	CK	151.1	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	166.9	U/L	0.0-143.6	
Energy metabolism	GLU	102.1	mg/dL	68.5-135.2	
Energy metabolism	TC	264.2	mg/dL	103.2-324.1	
Energy metabolism	TG	35.9	mg/dL	8.9-115.1	
Minerals	Ca	9.43	mg/dL	8.40-11.88	
Minerals	PHOS	4.70	mg/dL	2.48-6.81	
Minerals	CaxP	3.57	mmol/L^2		
Minerals	Mg	1.65	mg/dL	1.29-2.58	
Electrolytes	Na+	148.5	mmol/L	138.0-160.0	
Electrolytes	K+	4.0	mmol/L	3.5-5.9	
Electrolytes	Na/K	36.8			
Electrolytes	Cl-	126.8	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 Expln.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-12-16 15:43:52



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Report Explan.

LDH



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