

Biochemistry test report



Patient:	Tuffie	Species:	Canine	Patient ID:	2507257
Client:	Vaquilar	Gender:	Male	Sample No.:	08
Doctor:		Age:	14Y	Time of analysis:	2025/07/25 11:40

Item		Current result		Ref. Ranges	
Protein	TP	75.1	g/L	53.1-79.2	
Protein	ALB	30.0	g/L	23.4-40.0	
Protein	GLOB	45.1	g/L	25.4-52.0	
Protein	A/G	0.7			
Liver and gallbladder	ALT	55.3	U/L	10.1-100.3	
Liver and gallbladder	AST	30.7	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.55			
Liver and gallbladder	ALP	40.8	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<1.70	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	23.1	μmol/L	0.0-30.0	
Pancreas	AMY	964.9	U/L	397.7-1285.1	
Kidneys	BUN	7.98	mmol/L	2.50-9.77	
Kidneys	CREA	73.50	μmol/L	20.00-123.70	
Kidneys	BUN/CREA	26.9			
Cardiovasc./Muscle	CK	242.0	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	80.4	U/L	0.0-143.6	
Energy metabolism	GLU	5.93	mmol/L	3.80-7.50	
Energy metabolism	TC	4.52	mmol/L	2.67-8.38	
Energy metabolism	TG	0.94	mmol/L	0.10-1.30	
Minerals	Ca	2.54	mmol/L	2.10-2.97	
Minerals	PHOS	0.85	mmol/L	0.80-2.20	
Minerals	CaxP	2.17	mmol/L ^{^2}		
Minerals	Mg	0.56	mmol/L	0.61-1.06	
Electrolytes	Na+	152.4	mmol/L	138.0-160.0	
Electrolytes	K+	4.9	mmol/L	3.5-5.9	
Electrolytes	Na/K	31.3			
Electrolytes	Cl-	126.0	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:2025-07-28 13:05:57



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Report Explan.

Mg



Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, 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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