

Biochemistry test report



Patient: Crumble Species: Canine Patient ID: 2503311
 Client: Lea Fajardo Gender: Female Sample No.: 0000001
 Doctor: Age stage: Time of analysis: 2025/03/31 12:01

Item	Current result	Ref. Ranges
Protein TP	6.59 g/dL	5.31-7.92
Protein ALB	2.56 g/dL	2.34-4.00
Protein GLOB	4.04 g/dL	2.54-4.40
Protein A/G	0.6	
Liver and gallbladder ALT	35.1 U/L	10.1-100.3
Liver and gallbladder AST	42.9 U/L	21.0-51.7
Liver and gallbladder AST/ALT	1.22	
Liver and gallbladder ALP	29.4 U/L	15.5-125.0
Liver and gallbladder GGT	<2.0 U/L	0.0-15.9
Liver and gallbladder TBIL	<0.10 mg/dL	0.00-0.88
Pancreas AMY	675.0 U/L	397.7-1285.1
Kidneys BUN	13.23 mg/dL	7.02-27.45
Kidneys CREA	0.56 mg/dL	0.38-1.40
Kidneys BUN/CREA	23.4	
Cardiovasc./Muscle CK	147.3 U/L	66.4-257.5
Cardiovasc./Muscle LDH	↑ 169.9 U/L	36.4-143.6
Energy metabolism GLU	84.7 mg/dL	68.5-113.3
Energy metabolism TC	138.4 mg/dL	103.2-324.1
Minerals Ca	↓ <4.00 mg/dL	9.20-11.88
Minerals PHOS	↓ 1.31 mg/dL	3.10-6.81
Minerals CaxP	**** mmol/L ²	
Electrolytes tCO2	20.22 mmol/L	13.14-25.13
Electrolytes Na+	145.5 mmol/L	141.6-160.0
Electrolytes K+	↑ >8.5 mmol/L	3.5-5.9
Electrolytes Na/K	****	
Electrolytes Cl-	↓ 98.8 mmol/L	102.7-125.0

Operator:

Comprehensive Diagnosis Panel		QC QC OK	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	1+
		ICT(Jaundice degree):	0

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-03-31 12:03:05



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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.

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.

PHOS



Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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. The results only applies to this test sample.

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