Biochemistry test report



Patient: 2503311 Crumble Species: Canine Patient ID: Lea Fajardo Gender: Female Sample No.: 0000001 Client:

Time of analysis: 2025/03/31 12:01 Doctor: Age stage:

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 U/L 2.54-4.40 □ Liver and gallbladder ALT 35.1 U/L 10.1-100.3 □ Liver and gallbladder AST ALT 1.22 U/L 21.0-51.7 □ Liver and gallbladder ALP 29.4 U/L 15.5-125.0 □ Liver and gallbladder GEG 2.0 U/L 0.0-15.9 □ Liver and gallbladder GEG 2.0 U/L 0.0-15.9 □ Liver and gallbladder BLN 4.0 mg/dL 0.00-0.88 □ Liver and gallbladder BLR < 0.10		ltem		Current result		Ref. Ranges	
Protein ALB 2.56 g/dL 2.34-4.00 □ Protein GLOB 4.04 g/dL 2.54-4.40 □ Protein AVG 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 ALP 29.4 U/L 15.5-125.0 □ Liver and gallbladder GGT <2.0							
Protein GLOB 4.04 g/dL 2.54-4.40 • • • • • • • • • • • • • • • • • • •	Protein	TP		6.59	g/dL	5.31-7.92	
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	Protein	ALB		2.56	g/dL	2.34-4.00	
Liver and gallbladder AST 42.9 U/L 21.0-51.7	Protein	GLOB		4.04	g/dL	2.54-4.40	
Liver and gallbladder AST 42.9 U/L 21.0-51.7	Protein	A/G		0.6			
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	Liver and gallbladder	ALT		35.1	U/L	10.1-100.3	
Liver and gallbladder ALP 29.4 U/L 15.5-125.0 ■ Liver and gallbladder GGT <2.0	Liver and gallbladder	AST		42.9	U/L	21.0-51.7	
Liver and gallbladder GGT <2.0 U/L 0.0-15.9 □ Liver and gallbladder TBIL <0.10	Liver and gallbladder	AST/ALT		1.22			
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 103.2-324.1 □ Energy metabolism TC 138.4 mg/dL 103.2-324.1 □ Minerals Ca ✓ 4.00 mg/dL 9.20-11.88 □ Minerals CaxP ***** mmol/L ^2 □ □ Electrolytes K+ ↑ >8.5 mmol/L 13.14-25.13 □ Electrolytes K+ ↑ >8.5	Liver and gallbladder	ALP		29.4	U/L	15.5-125.0	<u> </u>
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 10.00 Electrolytes K+ >8.5 mmol/L 3.5-5.9 10.00 Electrolytes Na/K ***** ******	Liver and gallbladder	GGT		<2.0	U/L	0.0-15.9	<u> </u>
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 Image: Company of the	Liver and gallbladder	TBIL		<0.10	mg/dL	0.00-0.88	<u> </u>
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 Na+ 145.5 mmol/L 13.14-25.13 Electrolytes K+ >8.5 mmol/L 3.5-5.9 Electrolytes Na/K *****	Pancreas	AMY		675.0	U/L	397.7-1285.1	
Kidneys BUN/CREA 23.4 Cardiovasc./Muscle CK 147.3 U/L 66.4-257.5	Kidneys	BUN		13.23	mg/dL	7.02-27.45	
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	Kidneys	CREA		0.56	mg/dL	0.38-1.40	
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	Kidneys	BUN/CREA		23.4			
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 *****	Cardiovasc./Muscle	СК		147.3	U/L	66.4-257.5	
Energy metabolism TC 138.4 mg/dL 103.2-324.1 Image: Control of the control of	Cardiovasc./Muscle	LDH	↑	169.9	U/L	36.4-143.6	<u> </u>
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 ***** ******	Energy metabolism	GLU		84.7	mg/dL	68.5-113.3	
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 *****	Energy metabolism	TC		138.4	mg/dL	103.2-324.1	
Minerals CaxP ***** mmol/L^2 Electrolytes tCO2 20.22 mmol/L 13.14-25.13	Minerals	Ca	↓	<4.00	mg/dL	9.20-11.88	
Electrolytes	Minerals	PHOS	\downarrow	1.31	mg/dL	3.10-6.81	
Electrolytes Na+ 145.5 mmol/L 141.6-160.0 Image: Control of the control of th	Minerals	CaxP		***	mmol/L^2		
Electrolytes K+ ↑ >8.5 mmol/L 3.5-5.9 Electrolytes Na/K ****	Electrolytes	tCO2		20.22	mmol/L	13.14-25.13	
Electrolytes Na/K ****	Electrolytes	Na+		145.5	mmol/L	141.6-160.0	<u> </u>
Liectionytes Na/K	Electrolytes	K+	↑	>8.5	mmol/L	3.5-5.9	
Flortwolving CI 000 mm-1/1 103.7.135.0	Electrolytes	Na/K		***			
ciectrolytes Ci- \$ 98.8 mm0/L 102./-125.0	Electrolytes	CI-		98.8	mmol/L	102.7-125.0	

Operator:

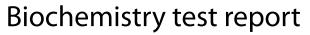
Comprehensive Diagnosis	Panel	QC QC ОК			
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	1+	ICT(Jaundice degree):	0

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

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







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

	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.
Са	↓	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 hypercorticalismus, etc.
CI-	↓	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.

Test Instrument:Mindray vetXpert C5

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



