Biochemistry test report



Patient:GoldSpecies:CaninePatient ID:2512081Client:Cong. Rachel ArenasGender:MaleSample No.:0000001

Doctor: Age: 2Y Time of analysis: 2025/12/08 09:37

Protein ALB 2.88 g/dL 2.34-4.00 Protein GLOB 3.16 g/dL 2.54-5.20 Protein A/G 0.9 Liver and gallbladder ALT 25.7 U/L 10.1-100.3 Liver and gallbladder AST 18.1 U/L 0.0-51.7 Liver and gallbladder AST AST/ALT 0.70 Liver and gallbladder ALP 31.4 U/L 15.5-212.0 Liver and gallbladder GGT 2.8 U/L 0.0-15.9 Liver and gallbladder TBIL <0.10 mg/dL 0.0-0.88 Liver and gallbladder TBIL <0.10 mg/dL 0.0-0.88 Liver and gallbladder TBA <1.0 µmol/L 0.0-30.0 Pancreas AMY 664.8 U/L 397.7-1285.1 Liver and gallbladder TBA <1.0 µmol/L 0.0-30.0 Pancreas AMY 664.8 U/L 397.7-1285.1 Cardiovasc Muscle CREA 1.13 mg/dL 0.23-1.40 Cardiovasc Muscle LDH 51.6 U/L 0.0-143.6 Energy metabolism TC 216.6 mg/dL 103.2-324.1 Energy metabolism TC 216.6 mg/dL 8.9-115.1 Energy metabolism TG 51.8 mg/dL 8.9-115.1 Minerals CaxP 3.10 mmol/L 1.29-2.58 Minerals Mg 1.91 mg/dL 1.29-2.58 Minerals Mg 1.91 mg/dL 1.29-2.58 Minerals Mg 1.91 mg/dL 1.29-2.58 Electrolytes Na/K 29.9		Item	Current result		Ref. Ranges	
Protein ALB 2.88 g/dL 2.34-4.00 Protein GLOB 3.16 g/dL 2.54-5.20 Protein A/G 0.9 Liver and gallbladder ALT 25.7 U/L 10.1-100.3 Liver and gallbladder AST 18.1 U/L 0.0-51.7 Liver and gallbladder AST AST/ALT 0.70 Liver and gallbladder ALP 31.4 U/L 15.5-212.0 Liver and gallbladder GGT 2.8 U/L 0.0-15.9 Liver and gallbladder TBIL <0.10 mg/dL 0.0-0.88 Liver and gallbladder TBIL <0.10 mg/dL 0.0-0.88 Liver and gallbladder TBA <1.0 µmol/L 0.0-30.0 Pancreas AMY 664.8 U/L 397.7-1285.1 Liver and gallbladder TBA <1.0 µmol/L 0.0-30.0 Pancreas AMY 664.8 U/L 397.7-1285.1 Cardiovasc Muscle CREA 1.13 mg/dL 0.23-1.40 Cardiovasc Muscle LDH 51.6 U/L 0.0-143.6 Energy metabolism TC 216.6 mg/dL 103.2-324.1 Energy metabolism TC 216.6 mg/dL 8.9-115.1 Energy metabolism TG 51.8 mg/dL 8.9-115.1 Minerals CaxP 3.10 mmol/L 1.29-2.58 Minerals Mg 1.91 mg/dL 1.29-2.58 Minerals Mg 1.91 mg/dL 1.29-2.58 Minerals Mg 1.91 mg/dL 1.29-2.58 Electrolytes Na/K 29.9						
Protein GLOB 3.16 g/dL 2.54-5.20	Protein	TP	6.04	g/dL	5.31-7.92	
Protein A/G 0.9 Liver and gallbladder ALT 25.7 U/L 10.1-10.3 □ Liver and gallbladder AST 18.1 U/L 0.0-51.7 □ Liver and gallbladder AST/ALT 0.70 Liver and gallbladder ALP 31.4 U/L 15.5-212.0 □ Liver and gallbladder GGT 2.8 U/L 0.0-15.9 □ Liver and gallbladder TBIL <0.10 mg/dL 0.0-0.88 □ Liver and gallbladder TBA <1.0 µmol/L 0.0-30.0 □ Parcreas AMY 664.8 U/L 397.7-1285.1 □ Ridneys BUN 18.94 mg/dL 7.02-27.45 □ Ridneys BUN/CREA 1.13 mg/dL 0.23-1.40 □ Ridneys BUN/CREA 16.7 Cardiovasc/Muscle CK	Protein	ALB	2.88	g/dL	2.34-4.00	
Liver and gallbladder AST 18.1 U/L 0.0-51.7	Protein	GLOB	3.16	g/dL	2.54-5.20	
Liver and gallbladder AST 18.1 U/L 0.0-51.7 Liver and gallbladder AST/ALT 0.70 Liver and gallbladder ALP 31.4 U/L 15.5-212.0 Liver and gallbladder GGT 2.8 U/L 0.0-15.9 Liver and gallbladder TBIL < 0.10 mg/dL 0.00-0.88 Liver and gallbladder TBIL < 1.0 µmol/L 0.0-30.0 Liver and gallbladder TBA < 1.0 µmol/L 0.0-30.0 Liver and gallbladder TBA Liver and gallbadder TBA Liver and gallbladder TBA Liver and gallbladder TBA Liver and gallbadder TBA Liver and ga	Protein	A/G	0.9			
Liver and gallbladder AST/ALT 0.70 Liver and gallbladder ALP 31.4 U/L 15.5-212.0 Liver and gallbladder GGT 2.8 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 Liver and gallbladder TBA <1.0 µmol/L 0.0-30.0 Liver and gallbladder TBA C1.0 µmol/L 0.0-30.0 C1	Liver and gallbladder	ALT	25.7	U/L	10.1-100.3	
Liver and gallbladder GGT 2.8 U/L 0.0-15.9 □ Liver and gallbladder TBIL <0.10 mg/dL 0.0-0.88 □ Liver and gallbladder TBIL <0.10 mg/dL 0.0-30.0 □ Liver and gallbladder TBA <1.0 µmol/L 0.0-30.0 □ Pancreas AMY 664.8 U/L 397.7-1285.1 □ Cidneys BUN 18.94 mg/dL 7.02-27.45 □ Cidneys CREA 1.13 mg/dL 0.23-1.40 □ Cidneys BUN/CREA 16.7 Cardiovasc./Muscle CK □ 62.2 U/L 66.4-257.5 □ Cardiovasc./Muscle LDH 51.6 U/L 0.0-143.6 □ Cardiovasc./Muscle LDH 51.6 U/L 0.0-143.6 □ Cardiovasc./Muscle CH 97.8 mg/dL 68.5-135.2 □ Cardiovasc./Muscle CH 97.8 mg/dL 8.9-115.1 □ Cardiovasc./Muscle CH 10.11 mg/dL 8.40-11.88 □ Cardiovasc./Muscle CH 10.11 mg/dL 8.40-11.89 □ Cardiovasc./Muscle CH 10.11 mg/dL 8.40-11.89 □ Cardiovasc./Muscle CH 10.11 mg/dL 8.40-11.89 □ Cardiovasc./Muscle CH 10.11 mg/dL 8	Liver and gallbladder	AST	18.1	U/L	0.0-51.7	
Liver and gallbladder	Liver and gallbladder	AST/ALT	0.70			
Cardiovasc./Muscle LDH S1.6 U/L 0.0-143.6 Cardiovasc./Muscle LDH S1.6 mg/dL 0.0-324.1 Cardiovasc./Muscle LDH S1.8 mg/dL 0.3-234.1 Cardiovasc./Muscle LDH S1.8 mg/dL 0.3-34.1 Cardiovasc./Muscle LDH S1.8 mg/dL 1.3-3-34.1 Cardiovasc./Muscle LDH S1.8 Cardiovasc./Muscle LDH S1.8 Cardiovasc./Muscle LDH S1.8 Cardiovasc./Muscle LDH S1.8 Cardiovasc./Muscle LDH Cardiovasc./Muscle LDH Cardiovasc./Muscle Cardiovasc./Muscle LDH Cardiovasc./Muscle	Liver and gallbladder	ALP	31.4	U/L	15.5-212.0	
Liver and gallbladder TBA <1.0 µmol/L 0.0-30.0 € Pancreas AMY 664.8 U/L 397.7-1285.1 € Kidneys BUN 18.94 mg/dL 7.02-27.45 € Kidneys CREA 1.13 mg/dL 0.23-1.40 € Cardiovasc./Muscle CK 62.2 U/L 66.4-257.5 € Cardiovasc./Muscle LDH 51.6 U/L 0.0-143.6 € Energy metabolism GLU 97.8 mg/dL 68.5-135.2 € Energy metabolism TC 216.6 mg/dL 103.2-324.1 € Energy metabolism TG 51.8 mg/dL 8.9-115.1 € Energy metabolism TG 10.11 mg/dL 8.40-11.88 € Minerals Ca 10.11 mg/dL 8.40-11.88 € Minerals PHOS 3.80 mg/dL 2.48-6.81 € Minerals Mg 1.91 mg/dL 1.29-2.58 € Electrolytes Na+ 148.5 mmol/L 138.0-160.0 € Electrolytes K+ 5.0 mmol/L 3.5-5.9 € Electrolytes Na/K 29.9	Liver and gallbladder	GGT	2.8	U/L	0.0-15.9	
Pancreas AMY 664.8 U/L 397.7-1285.1	Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	<u> </u>
Kidneys BUN 18.94 mg/dL 7.02-27.45 Kidneys CREA 1.13 mg/dL 0.23-1.40 Kidneys BUN/CREA 16.7 Cardiovasc/Muscle CK 62.2 U/L 66.4-257.5 Cardiovasc/Muscle LDH 51.6 U/L 0.0-143.6 Energy metabolism GLU 97.8 mg/dL 68.5-135.2 Energy metabolism TC 216.6 mg/dL 103.2-324.1 6.0 Energy metabolism TG 51.8 mg/dL 8.9-115.1 6.0 Winerals Ca 10.11 mg/dL 8.40-11.88 6.0 Winerals PHOS 3.80 mg/dL 2.48-6.81 6.0 Winerals CaxP 3.10 mmol/L^2 6.0 6.0 Winerals Mg 1.91 mg/dL 1.29-2.58 6.0 Electrolytes Na+ 148.5 mmol/L 3.5-5.9 6.0 Electrolytes Na/K 29.9	Liver and gallbladder	ТВА	<1.0	μmol/L	0.0-30.0	
Kidneys CREA 1.13 mg/dL 0.23-1.40 Kidneys BUN/CREA 16.7 Cardiovasc/Muscle CK 62.2 U/L 66.4-257.5 □ Cardiovasc/Muscle LDH 51.6 U/L 0.0-143.6 □ Energy metabolism GLU 97.8 mg/dL 68.5-135.2 □ Energy metabolism TC 216.6 mg/dL 103.2-324.1 □ Energy metabolism TG 51.8 mg/dL 8.9-115.1 □ Minerals Ca 10.11 mg/dL 8.40-11.88 □ Minerals PHOS 3.80 mg/dL 2.48-6.81 □ Minerals CaxP 3.10 mmol/L^2 □ Minerals Mg 1.91 mg/dL 1.29-2.58 □ Electrolytes Na+ 148.5 mmol/L 138.0-160.0 □ Electrolytes Na/K 29.9	Pancreas	AMY	664.8	U/L	397.7-1285.1	
Kidneys BUN/CREA 16.7 Cardiovasc./Muscle CK 62.2 U/L 66.4-257.5 ■ Cardiovasc./Muscle LDH 51.6 U/L 0.0-143.6 ■ Energy metabolism GLU 97.8 mg/dL 68.5-135.2 ■ Energy metabolism TC 216.6 mg/dL 103.2-324.1 ■ Energy metabolism TG 51.8 mg/dL 8.9-115.1 ■ Minerals Ca 10.11 mg/dL 8.40-11.88 ■ Minerals PHOS 3.80 mg/dL 2.48-6.81 ■ Minerals CaxP 3.10 mmol/L^2 ■ Winerals Mg 1.91 mg/dL 1.29-2.58 ■ Electrolytes Na+ 148.5 mmol/L 138.0-160.0 ■ Electrolytes Na/K 29.9 ■ ■	Kidneys	BUN	18.94	mg/dL	7.02-27.45	
Cardiovasc./Muscle CK 62.2 U/L 66.4-257.5	Kidneys	CREA	1.13	mg/dL	0.23-1.40	
Cardiovasc./Muscle LDH 51.6 U/L 0.0-143.6	Kidneys	BUN/CREA	16.7			
Energy metabolism	Cardiovasc./Muscle	CK ↓	62.2	U/L	66.4-257.5	
Energy metabolism TC 216.6 mg/dL 103.2-324.1	Cardiovasc./Muscle	LDH	51.6	U/L	0.0-143.6	
Energy metabolism TG 51.8 mg/dL 8.9-115.1	Energy metabolism	GLU	97.8	mg/dL	68.5-135.2	
Winerals Ca 10.11 mg/dL 8.40-11.88 Winerals PHOS 3.80 mg/dL 2.48-6.81 Winerals CaxP 3.10 mmol/L^2 Winerals Mg 1.91 mg/dL 1.29-2.58 Electrolytes Na+ 148.5 mmol/L 138.0-160.0 Electrolytes K+ 5.0 mmol/L 3.5-5.9 Electrolytes Na/K 29.9	Energy metabolism	тс	216.6	mg/dL	103.2-324.1	
Minerals PHOS 3.80 mg/dL 2.48-6.81 Minerals CaxP 3.10 mmol/L^2 Minerals Mg 1.91 mg/dL 1.29-2.58 Electrolytes Na+ 148.5 mmol/L 138.0-160.0 Electrolytes K+ 5.0 mmol/L 3.5-5.9 Electrolytes Na/K 29.9	Energy metabolism	TG	51.8	mg/dL	8.9-115.1	
Minerals CaxP 3.10 mmol/L^2 Minerals Mg 1.91 mg/dL 1.29-2.58 Image: Control of the control of th	Minerals	Ca	10.11	mg/dL	8.40-11.88	
Minerals Mg 1.91 mg/dL 1.29-2.58 Electrolytes Na+ 148.5 mmol/L 138.0-160.0 Electrolytes K+ 5.0 mmol/L 3.5-5.9 Electrolytes Na/K 29.9	Minerals	PHOS	3.80	mg/dL	2.48-6.81	<u> </u>
Electrolytes Na+ 148.5 mmol/L 138.0-160.0	Minerals	CaxP	3.10	mmol/L^2		
Electrolytes K+ 5.0 mmol/L 3.5-5.9 Electrolytes Na/K 29.9	Minerals	Mg	1.91	mg/dL	1.29-2.58	
Electrolytes Na/K 29.9	Electrolytes	Na+	148.5	mmol/L	138.0-160.0	
·	Electrolytes	K+	5.0	mmol/L	3.5-5.9	
Electrolytes CI- 118.5 mmol/L 102.7-125.0	Electrolytes	Na/K	29.9			
	Electrolytes	CI-	118.5	mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 0 ICT(Jaundice degree): 0



Report Explan.



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

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