Biochemistry test report



Patient: MIKAY Species: Canine Patient ID: 118475 AILEEN TORREON Gender: Male Sample No.: 03 Client:

Age: 13M Time of analysis: 2025/08/21 16:18 Doctor:

Protein TP 5.96 g/dL 5.31-7.92		Item	Current result		Ref. Ranges	
Protein ALB 2.09 g/dL 2.34-4.00 Protein GLOB 3.86 g/dL 2.54-5.20 Protein A/G 0.5 Liver and gallbladder ALT 21.1 U/L 10.1-100.3 Liver and gallbladder AST 31.6 U/L 0.0-51.7 Liver and gallbladder ALP 21.4 U/L 15.5-212.0 15.5-212.0 Liver and gallbladder GGT 3.3 U/L 0.0-15.9 15.5 Liver and gallbladder TBIL 0.23 mg/dL 0.00-0.88 15.5 Liver and gallbladder TBA <1.0 µmol/L 0.0-30.0 15.5 Liver and gallbladder TBA <1.0 µmol/L 0.0-30.0 15.5 Liver and gallbladder TBA <1.0 µmol/L 0.0-0.88 15.5 Liver and gallbladder TBA <1.0 µmol/L 3.97.71285.1 15.5 Kidneys BUN 26.53 mg/dL 7.03-27.45 15.5 15.5 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Protein GLOB 3.86 g/dL 2.54-5.20 Protein A/G 0.5 Liver and gallbladder ALT 21.1 U/L 10.1-100.3	Protein		5.96	g/dL	5.31-7.92	
Protein A/G 0.5 Liver and gallbladder ALT 21.1 U/L 10.1-100.3 □ Liver and gallbladder AST 31.6 U/L 0.0-51.7 □ Liver and gallbladder AST/ALT 1.50 □ □ Liver and gallbladder ALP 21.4 U/L 15.5-212.0 □ Liver and gallbladder GGT 3.3 U/L 0.0-15.9 □ Liver and gallbladder TBIL 0.23 mg/dL 0.00-0.88 □ Liver and gallbladder TBA <1.0	Protein	ALB ↓	2.09	g/dL	2.34-4.00	
Liver and gallibladder ALT 21.1 U/L 10.1-100.3	Protein	GLOB	3.86	g/dL	2.54-5.20	
Liver and gallbladder AST 1.50 Liver and gallbladder ALP 21.4 U/L 15.5-212.0 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Protein	A/G	0.5			
Liver and gallbladder AST/ALT 1.50 Liver and gallbladder ALP 21.4 U/L 15.5-212.0 ■ Liver and gallbladder GGT 3.3 U/L 0.0-15.9 ■ Liver and gallbladder TBIL 0.23 mg/dL 0.00-0.88 ■ Liver and gallbladder TBA <1.0	Liver and gallbladder	ALT	21.1	U/L	10.1-100.3	
Liver and gallbladder GGT 3.3 U/L 0.0-15.9	Liver and gallbladder	AST	31.6	U/L	0.0-51.7	
Liver and gallbladder Description	Liver and gallbladder	AST/ALT	1.50			
Liver and gallbladder TBIL 0.23 mg/dL 0.00-0.88	Liver and gallbladder	ALP	21.4	U/L	15.5-212.0	<u> </u>
Liver and gallbladder TBA < 1.0 µmol/L 0.0-30.0 □	Liver and gallbladder	GGT	3.3	U/L	0.0-15.9	
Pancreas AMY 1506.5 U/L 397.7-1285.1 Image: Common of the com	Liver and gallbladder	TBIL	0.23	mg/dL	0.00-0.88	
Kidneys BUN 26.53 mg/dL 7.03-27.45 Kidneys CREA 0.89 mg/dL 0.23-1.40 Kidneys BUN/CREA 29.8 Cardiovasc./Muscle CK 168.1 U/L 66.4-257.5 ■ Cardiovasc./Muscle LDH 71.8 U/L 0.0-143.6 ■ Energy metabolism GLU 95.0 mg/dL 68.5-135.2 ■ Energy metabolism TC 243.6 mg/dL 103.2-324.1 ■ Energy metabolism TG 63.8 mg/dL 8.9-115.1 ■ Minerals Ca 9.76 mg/dL 8.40-11.88 ■ Minerals PHOS 3.81 mg/dL 2.48-6.81 ■ Minerals Mg 1.51 mg/dL 1.29-2.58 ■ Minerals Mg 1.51 mg/dL 1.38.0-160.0 ■ Electrolytes K+ 4.9 mmol/L 3.5-5.9 ■ Electrolytes Na/K	Liver and gallbladder	ТВА	<1.0	μmol/L	0.0-30.0	<u> </u>
Kidneys CREA 0.89 mg/dL 0.23-1.40 Kidneys BUN/CREA 29.8 Cardiovasc./Muscle CK 168.1 U/L 66.4-257.5 □ Cardiovasc./Muscle LDH 71.8 U/L 0.0-143.6 □ Energy metabolism GLU 95.0 mg/dL 68.5-135.2 □ Energy metabolism TC 243.6 mg/dL 103.2-324.1 □ Energy metabolism TG 63.8 mg/dL 8.9-115.1 □ Minerals Ca 9.76 mg/dL 8.40-11.88 □ Minerals PHOS 3.81 mg/dL 2.48-6.81 □ Minerals Mg 1.51 mg/dL 1.29-2.58 □ Minerals Na+ 137.7 mmol/L 138.0-160.0 □ Electrolytes K+ 4.9 mmol/L 3.5-5.9 □ Electrolytes Na/K 28.0 U/L 1.29-2.58 □	Pancreas	AMY ↑	1506.5	U/L	397.7-1285.1	<u> </u>
Kidneys BUN/CREA 29.8 Cardiovasc/Muscle CK 168.1 U/L 66.4-257.5 ————————————————————————————————————	Kidneys	BUN	26.53	mg/dL	7.03-27.45	<u> </u>
Cardiovasc/Muscle CK 168.1 U/L 66.4-257.5 Cardiovasc/Muscle Energy metabolism GLU 95.0 mg/dL 68.5-135.2 Cardiovasc/Muscle GLU 95.0 mg/dL 68.5-135.2 Cardiovasc/Muscle GLU 95.0 mg/dL 103.2-324.1 Cardiovasc/Muscle Genergy metabolism TC 243.6 mg/dL 103.2-324.1 Cardiovasc/Muscle Genergy metabolism TG 63.8 mg/dL 8.9-115.1 Cardiovasc/Muscle TG Marcial TG Mg/dL 8.40-11.88 TG TG TG Mg/dL 2.48-6.81 TG	Kidneys	CREA	0.89	mg/dL	0.23-1.40	
Cardiovasc/Muscle LDH 71.8 U/L 0.0-143.6 ● Energy metabolism GLU 95.0 mg/dL 68.5-135.2 ● Energy metabolism TC 243.6 mg/dL 103.2-324.1 ● Energy metabolism TG 63.8 mg/dL 8.9-115.1 ● Minerals Ca 9.76 mg/dL 8.40-11.88 ● Minerals PHOS 3.81 mg/dL 2.48-6.81 ● Minerals CaxP 2.99 mmol/L^2 ● Minerals Mg 1.51 mg/dL 1.29-2.58 ● Electrolytes Na+ 137.7 mmol/L 138.0-160.0 ● Electrolytes K+ 4.9 mmol/L 3.5-5.9 ● Electrolytes Na/K 28.0 ● ● ●	Kidneys	BUN/CREA	29.8			
Energy metabolism GLU 95.0 mg/dL 68.5-135.2 Image: Control of the control of	Cardiovasc./Muscle	СК	168.1	U/L	66.4-257.5	
Energy metabolism TC 243.6 mg/dL 103.2-324.1 Energy metabolism TG 63.8 mg/dL 8.9-115.1 Minerals Ca 9.76 mg/dL 8.40-11.88 Minerals PHOS 3.81 mg/dL 2.48-6.81 Minerals CaxP 2.99 mmol/L^2 Minerals Mg 1.51 mg/dL 1.29-2.58 Electrolytes Na+ 137.7 mmol/L 138.0-160.0 Electrolytes K+ 4.9 mmol/L 3.5-5.9 Electrolytes Na/K 28.0	Cardiovasc./Muscle	LDH	71.8	U/L	0.0-143.6	
Energy metabolism TG 63.8 mg/dL 8.9-115.1 Minerals Ca 9.76 mg/dL 8.40-11.88 Minerals PHOS 3.81 mg/dL 2.48-6.81 Minerals CaxP 2.99 mmol/L^2 Minerals Mg 1.51 mg/dL 1.29-2.58 Electrolytes Na+ 137.7 mmol/L 138.0-160.0 Electrolytes K+ 4.9 mmol/L 3.5-5.9 Electrolytes Na/K 28.0	Energy metabolism	GLU	95.0	mg/dL	68.5-135.2	
Minerals Ca 9.76 mg/dL 8.40-11.88 Minerals PHOS 3.81 mg/dL 2.48-6.81 Minerals CaxP 2.99 mmol/L^2 Minerals Mg 1.51 mg/dL 1.29-2.58 Electrolytes Na+ ↓ 137.7 mmol/L 138.0-160.0 Electrolytes K+ 4.9 mmol/L 3.5-5.9 Electrolytes Na/K 28.0	Energy metabolism	тс	243.6	mg/dL	103.2-324.1	<u> </u>
Minerals PHOS 3.81 mg/dL 2.48-6.81 Minerals CaxP 2.99 mmol/L^2 Minerals Mg 1.51 mg/dL 1.29-2.58 Electrolytes Na+ 137.7 mmol/L 138.0-160.0 Electrolytes K+ 4.9 mmol/L 3.5-5.9 Electrolytes Na/K 28.0	Energy metabolism	TG	63.8	mg/dL	8.9-115.1	
Minerals CaxP 2.99 mmol/L^2 Minerals Mg 1.51 mg/dL 1.29-2.58 Electrolytes Na+ ↓ 137.7 mmol/L 138.0-160.0 Electrolytes K+ 4.9 mmol/L 3.5-5.9 Electrolytes Na/K 28.0	Minerals	Ca	9.76	mg/dL	8.40-11.88	
Minerals Mg 1.51 mg/dL 1.29-2.58 ● Electrolytes Na+ ↓ 137.7 mmol/L 138.0-160.0 ● Electrolytes K+ 4.9 mmol/L 3.5-5.9 ● Electrolytes Na/K 28.0 - -	Minerals	PHOS	3.81	mg/dL	2.48-6.81	
Electrolytes Na+ ↓ 137.7 mmol/L 138.0-160.0 □ Electrolytes K+ 4.9 mmol/L 3.5-5.9 □ Electrolytes Na/K 28.0	Minerals	CaxP	2.99	mmol/L^2		
Electrolytes K+ 4.9 mmol/L 3.5-5.9 Electrolytes Na/K 28.0	Minerals	Mg	1.51	mg/dL	1.29-2.58	
Electrolytes Na/K 28.0	Electrolytes	Na+ ↓	137.7	mmol/L	138.0-160.0	
	Electrolytes	K+	4.9	mmol/L	3.5-5.9	
Electrolytes	Electrolytes	Na/K	28.0			
	Electrolytes	CI- ↓	98.4	mmol/L	102.7-125.0	

Operator:

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

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-08-21 16:20:07









Patient:	MIKAY	Species:	Canine	Patient ID:	118475
Client:	AILEEN TORREON	Gender:	Male	Sample No.:	03
Doctor:		Age:	13M	Time of analysis:	2025/08/21 16:18

	Report Explan.	
ALB	↓	Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.
AMY	↑	Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.
Na+	↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, 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

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