

Biochemistry test report



Patient: Sushi Species: Canine Patient ID: 251219003
Client: Bong Macaraeg Gender: Female Sample No.: 0000003
Doctor: Age: 7Y Time of analysis: 2025/12/19 12:03

Item		Current result		Ref. Ranges	
Protein	TP	6.35	g/dL	5.31-7.92	
Protein	ALB	2.35	g/dL	2.34-4.00	
Protein	GLOB	4.01	g/dL	2.54-5.20	
Protein	A/G	0.6			
Liver and gallbladder	ALT	36.9	U/L	10.1-100.3	
Liver and gallbladder	AST	27.1	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.73			
Liver and gallbladder	ALP	19.9	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	4.0	μmol/L	0.0-30.0	
Pancreas	AMY	↑ 1702.4	U/L	397.7-1285.1	
Kidneys	BUN	↑ >182.65	mg/dL	7.02-27.45	
Kidneys	CREA	↑ 11.74	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	****			
Cardiovasc./Muscle	CK	146.0	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	56.8	U/L	0.0-143.6	
Energy metabolism	GLU	110.7	mg/dL	68.5-135.2	
Energy metabolism	TC	295.1	mg/dL	103.2-324.1	
Energy metabolism	TG	96.6	mg/dL	8.9-115.1	
Minerals	Ca	↓ 6.69	mg/dL	8.40-11.88	
Minerals	PHOS	↑ >20.13	mg/dL	2.48-6.81	
Minerals	CaxP	****	mmol/L^2		
Minerals	Mg	2.29	mg/dL	1.29-2.58	
Electrolytes	Na+	140.8	mmol/L	138.0-160.0	
Electrolytes	K+	4.9	mmol/L	3.5-5.9	
Electrolytes	Na/K	28.5			
Electrolytes	Cl-	↓ 101.9	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



Report Expln.

AMY



Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-12-19 13:31:09



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Report Explan.

BUN



Increase is commonly associated with high protein diet, gastrointestinal bleeding, nephropathy, and urinary obstruction, etc. Reduction is commonly associated with insufficient protein intake and liver failure, etc.

CREA



Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, 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.

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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