



Biochemistry test report

Patient: Princess Didi Species: Canine Patient ID: 260330001
 Client: Sherrain Domingue Gender: Female Sample No.: 0000001
 Doctor: Age: 10Y Time of analysis: 2026/03/30 11:25

Item	Current result	Ref. Ranges
Protein TP	6.37 g/dL	5.31-7.92
Protein ALB	2.33 g/dL	2.34-4.00
Protein GLOB	4.04 g/dL	2.54-5.20
Protein A/G	0.6	
Liver and gallbladder ALT	75.1 U/L	10.1-100.3
Liver and gallbladder AST	44.5 U/L	0.0-51.7
Liver and gallbladder AST/ALT	0.59	
Liver and gallbladder ALP	8.0 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	5.6 μmol/L	0.0-30.0
Pancreas AMY	1803.3 U/L	397.7-1285.1
Kidneys BUN	133.40 mg/dL	7.02-27.45
Kidneys CREA	4.28 mg/dL	0.23-1.40
Kidneys BUN/CREA	31.0	
Cardiovasc./Muscle CK	81.2 U/L	66.4-257.5
Cardiovasc./Muscle LDH	177.2 U/L	0.0-143.6
Energy metabolism GLU	114.5 mg/dL	68.5-135.2
Energy metabolism TC	196.4 mg/dL	103.2-324.1
Energy metabolism TG	174.4 mg/dL	8.9-115.1
Minerals Ca	7.29 mg/dL	8.40-11.88
Minerals PHOS	10.46 mg/dL	2.48-6.81
Minerals CaxP	6.16 mmol/L ²	
Minerals Mg	3.96 mg/dL	1.29-2.58
Electrolytes Na+	153.7 mmol/L	138.0-160.0
Electrolytes K+	5.3 mmol/L	3.5-5.9
Electrolytes Na/K	29.0	
Electrolytes Cl-	116.8 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



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.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026-03-30 13:45:41



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Report Explan.

ALP	↓	Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.
AMY	↑	Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.
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.
LDH	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.
TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticalismus, 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.
Mg	↑	Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, 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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