

Biochemistry test report



Patient: Yuna Species: Canine Patient ID: 0000004
 Client: Jolina Mamaradlo Gender: Female Sample No.: 0000004
 Doctor: Age: Adult Time of analysis: 2026/01/27 17:36

Item	Current result	Ref. Ranges
Protein	TP	8.47 g/dL 5.31-7.92
Protein	ALB	2.77 g/dL 2.34-4.00
Protein	GLOB	5.71 g/dL 2.54-5.20
Protein	A/G	0.5
Liver and gallbladder	ALT	32.6 U/L 10.1-100.3
Liver and gallbladder	AST	21.7 U/L 0.0-51.7
Liver and gallbladder	AST/ALT	0.66
Liver and gallbladder	ALP	405.4 U/L 15.5-212.0
Liver and gallbladder	GGT	9.2 U/L 0.0-15.9
Liver and gallbladder	TBIL	<0.10 mg/dL 0.00-0.88
Liver and gallbladder	TBA	1.6 μmol/L 0.0-30.0
Pancreas	AMY	628.2 U/L 397.7-1285.1
Kidneys	BUN	7.47 mg/dL 7.02-27.45
Kidneys	CREA	0.45 mg/dL 0.23-1.40
Kidneys	BUN/CREA	16.6
Cardiovasc./Muscle	CK	140.5 U/L 66.4-257.5
Cardiovasc./Muscle	LDH	81.1 U/L 0.0-143.6
Energy metabolism	GLU	109.0 mg/dL 68.5-135.2
Energy metabolism	TC	158.6 mg/dL 103.2-324.1
Energy metabolism	TG	77.2 mg/dL 8.9-115.1
Minerals	Ca	5.17 mg/dL 8.40-11.88
Minerals	PHOS	1.38 mg/dL 2.48-6.81
Minerals	CaxP	0.57 mmol/L ²
Minerals	Mg	1.02 mg/dL 1.29-2.58
Electrolytes	Na+	153.5 mmol/L 138.0-160.0
Electrolytes	K+	5.2 mmol/L 3.5-5.9
Electrolytes	Na/K	29.7
Electrolytes	Cl-	126.0 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 Explain.

TP



Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026/01/27 17:46:15



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Report Explan.

GLOB

Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

ALP

Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, 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.

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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