

Biochemistry test report



Patient:	CHOCO	Species:	Canine	Patient ID:	260801001
Client:	CADORNA-GALLEGO	Gender:	Male	Sample No.:	01
Doctor:		Age:	8Y	Time of analysis:	2026/08/05 10:44

Item		Current result		Ref. Ranges	
Protein	TP	↑	91.9	g/L	52.0-82.0
Protein	ALB		25.8	g/L	21.0-40.0
Protein	GLOB	↑	66.0	g/L	25.4-52.0
Protein	A/G		0.4		
Liver and gallbladder	ALT		75.0	U/L	10.1-100.3
Liver and gallbladder	AST		49.9	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		0.66		
Liver and gallbladder	ALP	↑	1116.3	U/L	15.5-212.0
Liver and gallbladder	GGT	↑	20.3	U/L	0.0-15.9
Liver and gallbladder	TBIL		13.25	μmol/L	0.00-15.00
Liver and gallbladder	TBA		2.5	μmol/L	0.0-30.0
Pancreas	AMY	↑	1830.6	U/L	200.0-1285.1
Pancreas	LIPA-D		56.8	U/L	0.0-125.0
Kidneys	BUN	↑	>65.00	mmol/L	2.50-9.77
Kidneys	CREA	↑	1746.40	μmol/L	20.00-123.70
Kidneys	BUN/CREA		****		
Cardiovasc./Muscle	CK		137.6	U/L	30.0-257.5
Cardiovasc./Muscle	LDH		56.5	U/L	0.0-143.6
Energy metabolism	GLU		6.19	mmol/L	3.80-7.50
Energy metabolism	TC		7.65	mmol/L	2.67-8.38
Energy metabolism	TG		0.79	mmol/L	0.10-1.30
Minerals	Ca	↓	1.76	mmol/L	1.95-2.97
Minerals	PHOS	↑	>6.50	mmol/L	0.70-2.20
Minerals	CaxP		****	(mmol/L) ²	
Minerals	Mg	↑	1.46	mmol/L	0.53-1.06
Electrolytes	Na+		150.0	mmol/L	138.0-160.0
Electrolytes	K+		4.0	mmol/L	3.5-5.9
Electrolytes	Na/K		37.1		
Electrolytes	Cl-		112.5	mmol/L	100.7-125.0

LIPA-D: 0.0-125.0 U/L Negative 125.0-250.0 U/L Suspected >250.0 U/L Positive

Operator:

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

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2026-08-05 10:47:28



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Report Explan.

TP	↑	Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.
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.
GGT	↑	Elevated is commonly associated with bile duct injury or cholestasis, 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.
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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