

Biochemistry test report



Patient:	Butter	Species:	Canine	Patient ID:	260105001
Client:	Adoree Jabanes	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	2Y	Time of analysis:	2026/01/05 11:31

Item	Current result	Ref. Ranges
Protein	TP	6.58
Protein	ALB	2.22
Protein	GLOB	4.36
Protein	A/G	0.5
Liver and gallbladder	ALT	7.4
Liver and gallbladder	AST	31.7
Liver and gallbladder	AST/ALT	4.28
Liver and gallbladder	ALP	28.7
Liver and gallbladder	GGT	<2.0
Liver and gallbladder	TBIL	<0.10
Liver and gallbladder	TBA	1.1
Pancreas	AMY	1501.2
Kidneys	BUN	62.10
Kidneys	CREA	2.64
Kidneys	BUN/CREA	23.4
Cardiovasc./Muscle	CK	451.2
Cardiovasc./Muscle	LDH	201.5
Energy metabolism	GLU	147.7
Energy metabolism	TC	400.3
Energy metabolism	TG	137.3
Minerals	Ca	10.20
Minerals	PHOS	7.75
Minerals	CaxP	6.38
Minerals	Mg	1.96
Electrolytes	Na+	146.9
Electrolytes	K+	5.5
Electrolytes	Na/K	26.7
Electrolytes	Cl-	108.9

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0

LIP(Lipemia degree): 0

0

ICT(Jaundice degree): 0

0



Report Explain.

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: 2026/01/05 14:34:26



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Report Explan.

ALT	↓	Increase is commonly associated with liver injury and muscle injury, 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.
CK	↑	Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, etc.
LDH	↑	Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.
GLU	↑	Increase is commonly associated with diabetes and hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.
TC	↑	Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticalismus, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism, etc.
TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticalismus, etc.
PHOS	↑	Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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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