

Biochemistry test report



Patient:	MOCHI	Species:	Canine	Patient ID:	118825
Client:	GISELLE ABECIA	Gender:	Male	Sample No.:	01
Doctor:		Age:	3Y	Time of analysis:	2025/06/23 09:15

Item		Current result		Ref. Ranges	
Protein	TP	I-	6.61	g/dL	5.31-7.92
Protein	ALB	↓	2.26	g/dL	2.34-4.00
Protein	GLOB		4.36	g/dL	2.54-5.20
Protein	A/G		0.5		
Liver and gallbladder	ALT	↑	149.4	U/L	10.1-100.3
Liver and gallbladder	ALP	↑ I-	703.1	U/L	15.5-212.0
Liver and gallbladder	GGT	↑	46.9	U/L	0.0-15.9
Liver and gallbladder	TBIL	↑	11.68	mg/dL	0.00-0.88
Pancreas	AMY	↑	>4000.0	U/L	397.7-1285.1
Kidneys	BUN	↑	122.60	mg/dL	7.03-27.45
Kidneys	CREA	↑	10.08	mg/dL	0.23-1.40
Kidneys	BUN/CREA		12.1		
Cardiovasc./Muscle	CK	↑	620.0	U/L	66.4-257.5
Energy metabolism	GLU		118.8	mg/dL	68.5-135.2
Energy metabolism	TC		143.1	mg/dL	103.2-324.1
Energy metabolism	TG		62.9	mg/dL	8.9-115.1
Minerals	Ca	↓	6.08	mg/dL	8.40-11.88
Minerals	PHOS	↑	11.09	mg/dL	2.48-6.81
Minerals	CaxP		5.45	mmol/L^2	

Operator:

Diagnosis/Health Checking Panel			QC QC OK	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree): 3+



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.

ALT ↑

Increase is commonly associated with liver injury and muscle injury, etc.

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.

TBIL ↑

Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, etc.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-06-23 09:22:47



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 Report Explan.		
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.
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.

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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