

Biochemistry test report



Patient:	KYE	Species:	Canine	Patient ID:	2508281
Client:	TALAIID	Gender:	Male	Sample No.:	1
Doctor:		Age:	7Y	Time of analysis:	2025/08/28 10:10

Item		Current result		Ref. Ranges	
Protein	TP	↑ -	88.3	g/L	53.1-79.2
Protein	ALB		29.7	g/L	23.4-40.0
Protein	GLOB	↑	58.6	g/L	25.4-52.0
Protein	A/G		0.5		
Liver and gallbladder	ALT	↑	183.1	U/L	10.1-100.3
Liver and gallbladder	AST		43.7	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		0.24		
Liver and gallbladder	ALP	↑ -	1075.7	U/L	15.5-212.0
Liver and gallbladder	GGT	↑	44.2	U/L	0.0-15.9
Liver and gallbladder	TBIL	↑	276.12	μmol/L	0.00-15.00
Liver and gallbladder	TBA	↑	80.4	μmol/L	0.0-30.0
Pancreas	AMY		577.3	U/L	397.7-1285.1
Kidneys	BUN	↑	40.70	mmol/L	2.50-9.77
Kidneys	CREA	↑	479.00	μmol/L	20.00-123.70
Kidneys	BUN/CREA		21.0		
Cardiovasc./Muscle	CK		73.3	U/L	66.4-257.5
Cardiovasc./Muscle	LDH		77.1	U/L	0.0-143.6
Energy metabolism	GLU		5.42	mmol/L	3.80-7.50
Energy metabolism	TC	-	4.14	mmol/L	2.67-8.38
Energy metabolism	TG	↑	1.50	mmol/L	0.10-1.30
Minerals	Ca		2.60	mmol/L	2.10-2.97
Minerals	PHOS	↑	3.74	mmol/L	0.80-2.20
Minerals	CaxP		9.71	mmol/L^2	
Minerals	Mg	↑	1.08	mmol/L	0.53-1.06
Electrolytes	Na+	↓	133.7	mmol/L	138.0-160.0
Electrolytes	K+		3.5	mmol/L	3.5-5.9
Electrolytes	Na/K		38.5		
Electrolytes	Cl-	↓	85.8	mmol/L	102.7-125.0

Operator:					
Comprehensive Diagnosis Panel				QC QC OK	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree):	3+

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-08-28 13:07:22

Biochemistry test report



Patient:	KYE	Species:	Canine	Patient ID:	2508281
Client:	TALAIID	Gender:	Male	Sample No.:	1
Doctor:		Age:	7Y	Time of analysis:	2025/08/28 10:10



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.
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.
TBA	↑	Increase is commonly associated with hepatic insufficiency or failure, portal vein shunt, and cholestasis, etc. Reduction is commonly associated with long-term fasting and intestinal malabsorption, 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.
TG	↑	Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, 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.
Na+	↓	Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, 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.
The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5 Time of Printing: 2025-08-28 13:07:22



PETVET CENTRAL VET CLINIC – BARRA
ZONE 4, BARRA, OPOL, MISAMIS ORIENTAL
0927 569 8880

Global Pioneer of Comprehensive Animal Medical Solutions
Better healthcare for all - Since 1991

