

Biochemistry test report



Patient:	SHANE	Species:	Canine	Patient ID:	260601001
Client:	NERI	Gender:	Female	Sample No.:	01
Doctor:		Age:		Time of analysis:	2026/06/01 09:55

Item		Current result		Ref. Ranges	
Protein	TP	75.4	g/L	52.0-82.0	
Protein	ALB	18.4	g/L	21.0-40.0	
Protein	GLOB	57.0	g/L	25.4-52.0	
Protein	A/G	0.3			
Liver and gallbladder	ALT	15.5	U/L	10.1-100.3	
Liver and gallbladder	AST	21.7	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	1.40			
Liver and gallbladder	ALP	90.1	U/L	15.5-212.0	
Liver and gallbladder	GGT	9.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<1.70	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-30.0	
Pancreas	AMY	1034.6	U/L	397.7-1285.1	
Pancreas	LIPA-D	49.0	U/L	0.0-100.0	
Kidneys	BUN	65.00	mmol/L	2.50-9.77	
Kidneys	CREA	567.70	μmol/L	20.00-123.70	
Kidneys	BUN/CREA	****			
Cardiovasc./Muscle	CK	659.9	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	91.9	U/L	0.0-143.6	
Energy metabolism	GLU	6.87	mmol/L	3.80-7.50	
Energy metabolism	TC	11.97	mmol/L	2.67-8.38	
Energy metabolism	TG	1.62	mmol/L	0.10-1.30	
Minerals	Ca	1.84	mmol/L	2.10-2.97	
Minerals	PHOS	6.50	mmol/L	0.70-2.20	
Minerals	CaxP	****	(mmol/L) ²		
Minerals	Mg	0.93	mmol/L	0.53-1.06	
Electrolytes	Na+	150.7	mmol/L	138.0-160.0	
Electrolytes	K+	6.0	mmol/L	3.5-5.9	
Electrolytes	Na/K	25.0			
Electrolytes	Cl-	97.7	mmol/L	100.7-125.0	

LIPA-D: 0.0-100.0 U/L Negative 100.0-200.0 U/L Suspected >200.0 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:2026-06-01 09:57:59



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

mindray
animal medical

Biochemistry test report



Patient:	SHANE	Species:	Canine	Patient ID:	260601001
Client:	NERI	Gender:	Female	Sample No.:	01
Doctor:		Age:		Time of analysis:	2026/06/01 09:55



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.

GLOB



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

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.

TC



Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticism, 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 hypercorticism, 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.

K+



Increase is commonly associated with high potassium fluid replacement, diabetes, adrenocortical hypofunction, and acute kidney injury, etc. Reduction is commonly associated with low potassium or potassium-free fluid replacement, vomiting, diarrhea, and hypercorticism, 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: 2026-06-01 09:57:59



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

mindray
animal medical