

Biochemistry test report



Patient:	Rosie	Species:	Canine	Patient ID:	2506084
Client:	Kristine Gomez	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	7Y	Time of analysis:	2025/06/09 17:41

Item		Current result		Ref. Ranges	
Protein	TP	7.77	g/dL	5.31-7.92	
Protein	ALB	↓ 1.82	g/dL	2.34-4.00	
Protein	GLOB	↑ 5.94	g/dL	2.54-5.20	
Protein	A/G	0.3			
Liver and gallbladder	ALT	14.0	U/L	10.1-100.3	
Liver and gallbladder	AST	10.7	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.76			
Liver and gallbladder	ALP	67.2	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-30.0	
Pancreas	AMY	443.8	U/L	397.7-1285.1	
Kidneys	BUN	15.68	mg/dL	7.02-27.45	
Kidneys	CREA	0.74	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	21.0			
Cardiovasc./Muscle	CK	70.5	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	65.4	U/L	0.0-143.6	
Energy metabolism	GLU	106.2	mg/dL	68.5-135.2	
Energy metabolism	TC	222.8	mg/dL	103.2-324.1	
Energy metabolism	TG	62.1	mg/dL	8.9-115.1	
Minerals	Ca	↓ 7.77	mg/dL	8.40-11.88	
Minerals	PHOS	↓ 2.46	mg/dL	2.48-6.81	
Minerals	CaxP	1.54	mmol/L^2		
Minerals	Mg	1.72	mg/dL	1.48-2.58	
Electrolytes	Na+	↓ 136.6	mmol/L	138.0-160.0	
Electrolytes	K+	4.4	mmol/L	3.5-5.9	
Electrolytes	Na/K	31.1			
Electrolytes	Cl-	114.7	mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	0	LIP(Lipemia degree):	1+	ICT(Jaundice degree):	0
------------------------	---	----------------------	----	-----------------------	---

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-06-09 18:01:32



PET DOCTORS VETERINARY CLINIC
AND GROOMING CENTER
Calasiao Pangasinan

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



Biochemistry test report



Patient:	Rosie	Species:	Canine	Patient ID:	2506084
Client:	Kristine Gomez	Gender:	Female	Sample No.:	0000001
Doctor:		Age:	7Y	Time of analysis:	2025/06/09 17:41



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.

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.

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.

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: 2025-06-09 18:01:32



PET DOCTORS VETERINARY CLINIC
AND GROOMING CENTER
Calasiao Pangasinan

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

