

# Biochemistry test report



Patient:	Prince	Species:	Canine	Patient ID:	250621103
Client:	Milagros Ferre	Gender:	Male	Sample No.:	0000003
Doctor:		Age:	4M	Time of analysis:	2025/06/21 16:04

Item		Current result		Ref. Ranges	
Protein	TP	6.28	g/dL	5.31-7.92	
Protein	ALB	3.00	g/dL	2.34-4.00	
Protein	GLOB	3.28	g/dL	2.54-5.20	
Protein	A/G	0.9			
Liver and gallbladder	ALT	↑ 103.1	U/L	10.1-100.3	
Liver and gallbladder	AST	↑ 71.7	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.70			
Liver and gallbladder	ALP	161.3	U/L	15.5-212.0	
Liver and gallbladder	GGT	8.8	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	12.6	μmol/L	0.0-30.0	
Pancreas	AMY	↓ 338.7	U/L	397.7-1285.1	
Kidneys	BUN	10.93	mg/dL	7.02-27.45	
Kidneys	CREA	0.42	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	26.0			
Cardiovasc./Muscle	CK	243.0	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	93.0	U/L	0.0-143.6	
Energy metabolism	GLU	↓ 9.7	mg/dL	68.5-135.2	
Energy metabolism	TC	222.0	mg/dL	103.2-324.1	
Energy metabolism	TG	62.9	mg/dL	8.9-115.1	
Minerals	Ca	9.83	mg/dL	8.40-11.88	
Minerals	PHOS	6.74	mg/dL	2.48-6.81	
Minerals	CaxP	5.35	mmol/L^2		
Minerals	Mg	↓ 1.38	mg/dL	1.48-2.58	
Electrolytes	Na+	144.6	mmol/L	138.0-160.0	
Electrolytes	K+	↓ 2.9	mmol/L	3.5-5.9	
Electrolytes	Na/K	49.0			
Electrolytes	Cl-	107.8	mmol/L	102.7-125.0	

Operator:

## Comprehensive Diagnosis Panel

QC QC OK

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

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-06-21 17:16:11



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:	Prince	Species:	Canine	Patient ID:	250621103
Client:	Milagros Ferre	Gender:	Male	Sample No.:	0000003
Doctor:		Age:	4M	Time of analysis:	2025/06/21 16:04



## Report Explan.

ALT	↑	Increase is commonly associated with liver injury and muscle injury, etc.
AST	↑	Increase is commonly associated with liver injury and muscle injury, etc.
AMY	↓	Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.
GLU	↓	Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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.
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.

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: 2025-06-21 17:16:11



PET DOCTORS VETERINARY CLINIC  
AND GROOMING CENTER  
Calasiao Pangasinan

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

