

# Biochemistry test report



Patient:	Tam Tam	Species:	Canine	Patient ID:	260106004
Client:	Marinella Palaganas	Gender:	Female	Sample No.:	0000004
Doctor:		Age:	11Y	Time of analysis:	2026/01/06 18:03

Item		Current result		Ref. Ranges	
Protein	TP	H- 7.32	g/dL	5.31-7.92	
Protein	ALB	2.41	g/dL	2.34-4.00	
Protein	GLOB	4.90	g/dL	2.54-5.20	
Protein	A/G	0.5			
Liver and gallbladder	ALT	10.4	U/L	10.1-100.3	
Liver and gallbladder	AST	H+ 19.5	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	1.88			
Liver and gallbladder	ALP	77.3	U/L	15.5-212.0	
Liver and gallbladder	GGT	5.5	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	1.8	μmol/L	0.0-30.0	
Pancreas	AMY	588.8	U/L	397.7-1285.1	
Kidneys	BUN	12.38	mg/dL	7.02-27.45	
Kidneys	CREA	0.34	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	36.1			
Cardiovasc./Muscle	CK	91.9	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	H+ 112.6	U/L	0.0-143.6	
Energy metabolism	GLU	119.5	mg/dL	68.5-135.2	
Energy metabolism	TC	172.3	mg/dL	103.2-324.1	
Energy metabolism	TG	51.3	mg/dL	8.9-115.1	
Minerals	Ca	↓ 8.17	mg/dL	8.40-11.88	
Minerals	PHOS	3.41	mg/dL	2.48-6.81	
Minerals	CaxP	2.25	mmol/L <sup>2</sup>		
Minerals	Mg	1.54	mg/dL	1.29-2.58	
Electrolytes	Na+	↓ 136.9	mmol/L	138.0-160.0	
Electrolytes	K+	↓ 2.9	mmol/L	3.5-5.9	
Electrolytes	Na/K	47.5			
Electrolytes	Cl-	105.2	mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel		QC	QC Fail
HEM(Hemolysis degree):	1+	LIP(Lipemia degree):	0
ICT(Jaundice degree):	0		



## Report Explan.

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.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2026/01/06 18:07:39



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## Report Explan.

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.

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 hypercorticalismus, 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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