

Biochemistry test report



Patient:	Kira	Species:	Canine	Patient ID:	
Client:	Anabelle Sarmiento	Gender:	Female	Sample No.:	0000003
Doctor:		Age:	Adult	Time of analysis:	2026/06/19 10:44

Item		Current result		Ref. Ranges	
Protein	TP	7.68	g/dL	5.20-8.20	
Protein	ALB	2.31	g/dL	2.10-4.00	
Protein	GLOB	↑ 5.37	g/dL	2.54-5.20	
Protein	A/G	0.4			
Liver and gallbladder	ALT	92.0	U/L	10.1-100.3	
Liver and gallbladder	AST	49.6	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.54			
Liver and gallbladder	ALP	↑ 1531.1	U/L	15.5-212.0	
Liver and gallbladder	GGT	11.2	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	6.9	μmol/L	0.0-30.0	
Pancreas	AMY	856.5	U/L	397.7-1285.1	
Pancreas	LIPA-D	28.5	U/L	0.0-100.0	
Kidneys	BUN	7.20	mg/dL	7.02-27.45	
Kidneys	CREA	↓ <0.20	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	****			
Cardiovasc./Muscle	CK	222.7	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ 255.0	U/L	0.0-143.6	
Energy metabolism	GLU	104.8	mg/dL	68.5-135.2	
Energy metabolism	TC	238.5	mg/dL	103.2-324.1	
Energy metabolism	TG	98.4	mg/dL	8.9-115.1	
Minerals	Ca	9.21	mg/dL	8.40-11.88	
Minerals	PHOS	4.05	mg/dL	2.17-6.81	
Minerals	CaxP	3.01	(mmol/L) ²		
Minerals	Mg	1.66	mg/dL	1.29-2.58	
Electrolytes	Na+	↓ 137.7	mmol/L	138.0-160.0	
Electrolytes	K+	4.8	mmol/L	3.5-5.9	
Electrolytes	Na/K	28.9			
Electrolytes	Cl-	116.0	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:2026-06-19 11:26:12



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Report Explan.

GLOB



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

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.

CREA



Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.

LDH



Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, 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.
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