

# Biochemistry test report



Patient:	CASSIE	Species:	Canine	Patient ID:	118590
Client:	ANJ ABROGUENA	Gender:	Female	Sample No.:	05
Doctor:		Age:	8Y	Time of analysis:	2025/06/03 15:05

Item		Current result		Ref. Ranges	
Protein	TP	7.40	g/dL	5.31-7.92	
Protein	ALB	↓ 2.18	g/dL	2.34-4.00	
Protein	GLOB	↑ 5.22	g/dL	2.54-5.20	
Protein	A/G	0.4			
Liver and gallbladder	ALT	↑ 305.1	U/L	10.1-100.3	
Liver and gallbladder	ALP	↑ 708.4	U/L	15.5-212.0	
Liver and gallbladder	GGT	12.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.23	mg/dL	0.00-0.88	
Pancreas	AMY	1015.9	U/L	397.7-1285.1	
Kidneys	BUN	20.48	mg/dL	7.03-27.45	
Kidneys	CREA	0.51	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	39.6			
Cardiovasc./Muscle	CK	↑ 259.7	U/L	66.4-257.5	
Energy metabolism	GLU	72.3	mg/dL	68.5-135.2	
Energy metabolism	TC	218.5	mg/dL	103.2-324.1	
Energy metabolism	TG	82.4	mg/dL	8.9-115.1	
Minerals	Ca	↓ 8.20	mg/dL	8.40-11.88	
Minerals	PHOS	↓ 1.98	mg/dL	2.48-6.81	
Minerals	CaxP	1.32	mmol/L^2		

Operator:

Diagnosis/Health Checking Panel		QC QC OK	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0
		ICT(Jaundice degree):	0

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.
ALT ↑	Increase is commonly associated with liver injury and muscle injury, etc.
ALP ↑	Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.

The results only applies to this test sample. Test Instrument: Mindray vetXpert C5 Time of Printing: 2025-06-03 15:08:20



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## Report Explan.

**CK**



Increase is commonly associated with trauma, increased muscle activity (such as tetanus and convulsion), myocarditis, and myocardial infarction, 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.

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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