

Biochemistry test report



Patient:	Olaf	Species:	Feline	Patient ID:	25090834
Client:	Paul Ancheta	Gender:	Male	Sample No.:	0000004
Doctor:		Age:	1Y	Time of analysis:	2025/09/08 14:53

Item		Current result		Ref. Ranges	
Protein	TP	7.97	g/dL	5.65-8.85	
Protein	ALB	2.56	g/dL	2.20-4.00	
Protein	GLOB	↑ 5.41	g/dL	2.82-5.13	
Protein	A/G	0.5			
Liver and gallbladder	ALT	21.7	U/L	12.0-149.2	
Liver and gallbladder	AST	25.6	U/L	0.0-60.0	
Liver and gallbladder	AST/ALT	1.18			
Liver and gallbladder	ALP	13.5	U/L	8.7-110.9	
Liver and gallbladder	GGT	<2.0	U/L	0.0-8.2	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	2.0	μmol/L	0.0-20.0	
Pancreas	AMY	↑ 2027.8	U/L	555.6-1940.0	
Kidneys	BUN	↑ 155.45	mg/dL	12.79-32.06	
Kidneys	CREA	↑ 9.23	mg/dL	0.32-2.03	
Kidneys	BUN/CREA	16.8			
Cardiovasc./Muscle	CK	92.3	U/L	66.1-530.9	
Cardiovasc./Muscle	LDH	241.0	U/L	0.0-334.2	
Energy metabolism	GLU	68.2	mg/dL	61.1-151.2	
Energy metabolism	TC	175.3	mg/dL	72.3-225.8	
Energy metabolism	TG	↑ 207.9	mg/dL	8.9-115.1	
Minerals	Ca	8.89	mg/dL	8.40-11.16	
Minerals	PHOS	↑ 10.68	mg/dL	2.48-8.42	
Minerals	CaxP	7.66	mmol/L^2		
Minerals	Mg	↑ 4.03	mg/dL	1.60-2.96	
Electrolytes	Na+	146.8	mmol/L	141.0-166.0	
Electrolytes	K+	4.4	mmol/L	3.5-5.9	
Electrolytes	Na/K	33.2			
Electrolytes	Cl-	128.5	mmol/L	104.4-129.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	0	LIP(Lipemia degree):	1+	ICT(Jaundice degree):	0
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The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-09-08 14:53:24



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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.

AMY



Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.

BUN



Increase is commonly associated with high protein diet, gastrointestinal bleeding, nephropathy, and urinary obstruction, etc. Reduction is commonly associated with insufficient protein intake and liver failure, etc.

CREA



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

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, etc.

PHOS



Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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.

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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