

Biochemistry test report



Patient:	KITTEN	Species:	Feline	Patient ID:	2507031
Client:	YAP	Gender:	Female	Sample No.:	02
Doctor:		Age:	2M	Time of analysis:	2025/07/24 12:24

Item		Current result		Ref. Ranges	
Protein	TP	80.3	g/L	56.5-88.5	
Protein	ALB	31.1	g/L	22.0-40.0	
Protein	GLOB	49.2	g/L	28.2-51.3	
Protein	A/G	0.6			
Liver and gallbladder	ALT	↑ 248.9	U/L	12.0-149.2	
Liver and gallbladder	AST	47.2	U/L	0.0-60.0	
Liver and gallbladder	AST/ALT	0.19			
Liver and gallbladder	ALP	67.2	U/L	8.7-110.9	
Liver and gallbladder	GGT	2.9	U/L	0.0-8.2	
Liver and gallbladder	TBIL	2.91	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	7.1	μmol/L	0.0-20.0	
Pancreas	AMY	766.2	U/L	555.6-1940.0	
Kidneys	BUN	↑ 12.74	mmol/L	4.55-11.41	
Kidneys	CREA	38.80	μmol/L	28.00-180.00	
Kidneys	BUN/CREA	81.4			
Cardiovasc./Muscle	CK	↑ 1082.9	U/L	66.1-530.9	
Cardiovasc./Muscle	LDH	220.6	U/L	0.0-334.2	
Energy metabolism	GLU	7.24	mmol/L	3.39-8.39	
Energy metabolism	TC	2.14	mmol/L	1.87-5.84	
Energy metabolism	TG	0.78	mmol/L	0.10-1.30	
Minerals	Ca	2.49	mmol/L	2.10-2.79	
Minerals	PHOS	↑ 2.86	mmol/L	0.80-2.72	
Minerals	CaxP	7.12	mmol/L^2		
Minerals	Mg	0.88	mmol/L	0.73-1.22	
Electrolytes	Na+	141.1	mmol/L	141.0-166.0	
Electrolytes	K+	5.5	mmol/L	3.5-5.9	
Electrolytes	Na/K	25.5			
Electrolytes	Cl-	↓ 72.0	mmol/L	104.4-129.0	

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:2025-07-24 13:36:08



PeteVet Central Veterinary Clinic
Justiniano R. Borja Ext., Cagayan De Oro
0966 442 9800

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Report Explan.

ALT



Increase is commonly associated with liver injury and muscle injury, 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.

CK



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

PHOS



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

Cl-



Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, 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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