

Biochemistry test report



Patient:	DUKE	Species:	Feline	Patient ID:	260618003
Client:	FIEL	Gender:	Male	Sample No.:	03
Doctor:		Age:	1Y	Time of analysis:	2026/06/18 16:18

Item		Current result		Ref. Ranges	
Protein	TP	79.2	g/L	56.5-88.5	
Protein	ALB	29.5	g/L	22.0-40.0	
Protein	GLOB	49.8	g/L	28.2-55.8	
Protein	A/G	0.6			
Liver and gallbladder	ALT	84.2	U/L	12.0-149.2	
Liver and gallbladder	AST	44.4	U/L	0.0-60.0	
Liver and gallbladder	AST/ALT	0.53			
Liver and gallbladder	ALP	15.5	U/L	8.7-110.9	
Liver and gallbladder	GGT	<2.0	U/L	0.0-8.2	
Liver and gallbladder	TBIL	<1.70	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-20.0	
Pancreas	AMY	817.1	U/L	555.6-1940.0	
Pancreas	LIPA-D	14.4	U/L	0.0-20.0	
Kidneys	BUN	↑ 48.42	mmol/L	4.55-11.41	
Kidneys	CREA	↑ 1010.40	μmol/L	28.00-180.00	
Kidneys	BUN/CREA	11.9			
Cardiovasc./Muscle	CK	↑ 2434.9	U/L	66.1-530.9	
Cardiovasc./Muscle	LDH	196.7	U/L	0.0-334.2	
Energy metabolism	GLU	↑ 9.54	mmol/L	3.39-8.39	
Energy metabolism	TC	2.92	mmol/L	1.87-5.84	
Energy metabolism	TG	0.48	mmol/L	0.10-1.30	
Minerals	Ca	2.29	mmol/L	2.10-2.79	
Minerals	PHOS	↑ 3.02	mmol/L	0.80-2.72	
Minerals	CaxP	6.91	(mmol/L) ²		
Minerals	Mg	1.15	mmol/L	0.66-1.22	
Electrolytes	Na+	152.0	mmol/L	141.0-166.0	
Electrolytes	K+	5.8	mmol/L	3.5-5.9	
Electrolytes	Na/K	26.2			
Electrolytes	Cl-	↓ 94.1	mmol/L	102.4-129.0	

LIPA-D: 0.0-20.0 U/L Negative 20.0-30.0 U/L Suspected >30.0 U/L Positive

Operator:

Comprehensive Diagnosis Panel

QC QC OK

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

Test Instrument:Mindray vetXpert C5

Time of Printing:2026-06-18 16:18:28



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Report Explan.

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.

CK



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

GLU



Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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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