

JACK Test report



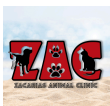
Patient:	JACK	Species:	Feline	Patient ID:	25081692
Client:	SINSAY,BUAN	Gender:	Male	Age:	1Y

AI Aided Diag. Explan.

It is recommended to add symmetric dimethylarginine (SDMA), urinary protein to creatinine ratio (UPC), urinary specific gravity (SG), and imaging examinations to identify the cause and grading of renal dysfunction, based on clinical manifestations and medical history.

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.
The results only applies to this test sample.

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Biochemistry test report



Patient:	JACK	Species:	Feline	Patient ID:	25081692
Client:	SINSAY,BUAN	Gender:	Male	Sample No.:	1
Doctor:		Age:	1Y	Time of analysis:	2025/11/06 10:10

Item		Current result		Ref. Ranges	
Protein	TP	76.7	g/L	56.5-88.5	
Protein	ALB	28.5	g/L	22.0-40.0	
Protein	GLOB	48.2	g/L	28.2-51.3	
Protein	A/G	0.6			
Liver and gallbladder	ALT	18.2	U/L	12.0-149.2	
Liver and gallbladder	AST	12.2	U/L	0.0-60.0	
Liver and gallbladder	AST/ALT	0.67			
Liver and gallbladder	ALP	<5.0	U/L	8.7-110.9	
Liver and gallbladder	GGT	<2.0	U/L	0.0-8.2	
Liver and gallbladder	TBIL	79.50	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	13.1	μmol/L	0.0-20.0	
Pancreas	AMY	418.9	U/L	555.6-1940.0	
Kidneys	BUN	26.06	mmol/L	4.55-11.41	
Kidneys	CREA	316.50	μmol/L	28.00-180.00	
Kidneys	BUN/CREA	20.4			
Cardiovasc./Muscle	CK	84.0	U/L	66.1-530.9	
Cardiovasc./Muscle	LDH	98.6	U/L	0.0-334.2	
Energy metabolism	GLU	19.82	mmol/L	3.39-8.39	
Energy metabolism	TC	4.23	mmol/L	1.87-5.84	
Energy metabolism	TG	1.02	mmol/L	0.10-1.30	
Minerals	Ca	1.94	mmol/L	2.10-2.79	
Minerals	PHOS	3.06	mmol/L	0.80-2.72	
Minerals	CaxP	5.93	mmol/L^2		
Minerals	Mg	1.01	mmol/L	0.66-1.22	
Electrolytes	Na+	153.4	mmol/L	141.0-166.0	
Electrolytes	K+	5.3	mmol/L	3.5-5.9	
Electrolytes	Na/K	28.7			
Electrolytes	Cl-	112.1	mmol/L	104.4-129.0	

Operator:

Comprehensive Diagnosis Panel			QC QC OK	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree): 2+



Report Explen.

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

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 Report Explan.		
TBIL	↑	Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, etc.
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.
GLU	↑	Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, 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.

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