

Punggos Test report



Patient:	Punggos	Species:	Canine	Patient ID:	260618002
Client:	Michael Cereno	Gender:	Male	Age:	3Y

AI Aided Diag. Explan.

It is recommended to add liver and kidney panel tests, electrolytes, myocardial enzyme spectrum (N-terminal pro-brain natriuretic peptide, cardiac troponin I), electrocardiogram, and ultrasound-related examinations to evaluate the animal's overall muscle health status, 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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Immunoassay test report



Patient:	Punggos	Species:	Canine	Patient ID:	260618002
Client:	Michael Cereno	Gender:	Male	Sample No.:	0000002
Doctor:		Age:	3Y	Time of analysis:	2026/06/18 15:38

Lab item	Current result		Ref. Ranges	
cSDMA	↑	17.3	µg/dL 0.0-14.0	

Operator:

Report Explan.

cSDMA

Result indications:

<14.0 ug/dL Normal

14.0-20.0 ug/dL Suspected

>20.0 ug/dL Abnormal

Clinical significance:

cSDMA is an early biomarker of progressive kidney injury, and an increase may indicate impaired renal function.

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Test Instrument: Mindray vetXpert I3 Time of Printing: 2026-06-18 16:38:42



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Biochemistry test report



Patient:	Punggos	Species:	Canine	Patient ID:	260618002
Client:	Michael Cereno	Gender:	Male	Sample No.:	0000002
Doctor:		Age:	3Y	Time of analysis:	2026/06/18 15:37

Item		Current result		Ref. Ranges	
Protein	TP	7.54	g/dL	5.20-8.20	
Protein	ALB	2.62	g/dL	2.10-4.00	
Protein	GLOB	4.91	g/dL	2.54-5.20	
Protein	A/G	0.5			
Liver and gallbladder	ALT	↑ 180.3	U/L	10.1-100.3	
Liver and gallbladder	AST	49.9	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.28			
Liver and gallbladder	ALP	85.2	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	6.8	μmol/L	0.0-30.0	
Pancreas	AMY	1159.6	U/L	397.7-1285.1	
Pancreas	LIPA-D	39.1	U/L	0.0-100.0	
Kidneys	BUN	23.16	mg/dL	7.02-27.45	
Kidneys	CREA	0.53	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	43.3			
Cardiovasc./Muscle	CK	↑ 291.0	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ 280.2	U/L	0.0-143.6	
Energy metabolism	GLU	100.8	mg/dL	68.5-135.2	
Energy metabolism	TC	145.8	mg/dL	103.2-324.1	
Energy metabolism	TG	50.0	mg/dL	8.9-115.1	
Minerals	Ca	9.20	mg/dL	8.40-11.88	
Minerals	PHOS	3.27	mg/dL	2.17-6.81	
Minerals	CaxP	2.43	(mmol/L) ²		
Minerals	Mg	1.33	mg/dL	1.29-2.58	
Electrolytes	Na+	149.2	mmol/L	138.0-160.0	
Electrolytes	K+	4.8	mmol/L	3.5-5.9	
Electrolytes	Na/K	31.0			
Electrolytes	Cl-	115.4	mmol/L	100.7-125.0	

LIPA-D: 0.0-100.0 U/L Negative 100.0-200.0 U/L Suspected >200.0 U/L Positive

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	0	LIP(Lipemia degree):	1+	ICT(Jaundice degree):	0
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Report Explan.

ALT



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

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

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Biochemistry test report



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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.

LDH



Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.

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