

Hagrid Test report



Patient:	Hagrid	Species:	Canine	Patient ID:	260322001
Client:	Joy Cano	Gender:	Male	Age:	Adult 5Y

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.

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:	Hagrid	Species:	Canine	Patient ID:	260322001
Client:	Joy Cano	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	Adult 5Y	Time of analysis:	2026/03/22 17:37

Lab item	Current result	Ref. Ranges
cSDMA	↑ 24.4	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

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Biochemistry test report



Patient: Hagrid Species: Canine Patient ID: 260322001
 Client: Joy Cano Gender: Male Sample No.: 0000001
 Doctor: Age: Adult 5Y Time of analysis: 2026/03/22 17:37

Item	Current result	Ref. Ranges
Protein TP ↑ 10.41 g/dL	5.31-7.92	
Protein ALB ↓ 1.72 g/dL	2.34-4.00	
Protein GLOB ↑ 8.70 g/dL	2.54-5.20	
Protein A/G 0.2		
Liver and gallbladder ALT 59.6 U/L	10.1-100.3	
Liver and gallbladder AST ↑ 463.0 U/L	0.0-51.7	
Liver and gallbladder AST/ALT 7.76		
Liver and gallbladder ALP 61.9 U/L	15.5-212.0	
Liver and gallbladder GGT 2.4 U/L	0.0-15.9	
Liver and gallbladder TBIL <0.10 mg/dL	0.00-0.88	
Liver and gallbladder TBA 2.7 μmol/L	0.0-30.0	
Pancreas AMY ↑ 1778.3 U/L	397.7-1285.1	
Kidneys BUN ↑ 33.35 mg/dL	7.02-27.45	
Kidneys CREA ↑ 1.46 mg/dL	0.23-1.40	
Kidneys BUN/CREA 22.7		
Cardiovasc./Muscle CK ↑ 2007.0 U/L	66.4-257.5	
Cardiovasc./Muscle LDH ↑ >1400.0 U/L	0.0-143.6	
Energy metabolism GLU ↓ 47.1 mg/dL	68.5-135.2	
Energy metabolism TC 118.0 mg/dL	103.2-324.1	
Energy metabolism TG 97.2 mg/dL	8.9-115.1	
Minerals Ca ↓ 7.39 mg/dL	8.40-11.88	
Minerals PHOS 3.84 mg/dL	2.48-6.81	
Minerals CaxP 2.29 mmol/L ²		
Minerals Mg 1.93 mg/dL	1.29-2.58	
Electrolytes Na+ 143.1 mmol/L	138.0-160.0	
Electrolytes K+ 4.7 mmol/L	3.5-5.9	
Electrolytes Na/K 30.7		
Electrolytes Cl- 104.5 mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 0 ICT(Jaundice degree): 0



Report Explain.

TP ↑

Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

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Biochemistry test report



Patient:	Hagrid	Species:	Canine	Patient ID:	260322001
Client:	Joy Cano	Gender:	Male	Sample No.:	0000001
Doctor:		Age:	Adult 5Y	Time of analysis:	2026/03/22 17:37



Report Explan.

ALB	↓	Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.
GLOB	↑	Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.
AST	↑	Increase is commonly associated with liver injury and muscle injury, 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.
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.
GLU	↓	Increase is commonly associated with diabetes and hypercorticalism, 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.

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