

MATCHA Test report



Patient:	MATCHA	Species:	Canine	Patient ID:	260105002
Client:	LABRADORES	Gender:	Female	Age:	6Y

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:	MATCHA	Species:	Canine	Patient ID:	260105002
Client:	LABRADORES	Gender:	Female	Sample No.:	07
Doctor:		Age:	6Y	Time of analysis:	2026/08/03 13:59

Item		Current result		Ref. Ranges	
Protein	TP	76.1	g/L	52.0-82.0	
Protein	ALB	34.8	g/L	21.0-40.0	
Protein	GLOB	41.3	g/L	25.4-52.0	
Protein	A/G	0.8			
Liver and gallbladder	ALT	25.6	U/L	10.1-100.3	
Liver and gallbladder	AST	16.3	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.64			
Liver and gallbladder	ALP	64.5	U/L	15.5-212.0	
Liver and gallbladder	GGT	2.7	U/L	0.0-15.9	
Liver and gallbladder	TBIL	<1.70	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	1.3	μmol/L	0.0-30.0	
Pancreas	AMY	842.3	U/L	200.0-1285.1	
Pancreas	LIPA-D	16.4	U/L	0.0-125.0	
Kidneys	BUN	↑ 49.60	mmol/L	2.50-9.77	
Kidneys	CREA	↑ 291.20	μmol/L	20.00-123.70	
Kidneys	BUN/CREA	42.2			
Cardiovasc./Muscle	CK	CL- 233.8	U/L	30.0-257.5	
Cardiovasc./Muscle	LDH	46.9	U/L	0.0-143.6	
Energy metabolism	GLU	↑ 9.25	mmol/L	3.80-7.50	
Energy metabolism	TC	7.28	mmol/L	2.67-8.38	
Energy metabolism	TG	0.98	mmol/L	0.10-1.30	
Minerals	Ca	2.62	mmol/L	1.95-2.97	
Minerals	PHOS	↑ 2.80	mmol/L	0.70-2.20	
Minerals	CaxP	7.34	(mmol/L) ²		
Minerals	Mg	↑ 1.27	mmol/L	0.53-1.06	
Electrolytes	Na+	↓ 128.2	mmol/L	138.0-160.0	
Electrolytes	K+	4.7	mmol/L	3.5-5.9	
Electrolytes	Na/K	27.4			
Electrolytes	Cl-	↓ <70.0	mmol/L	100.7-125.0	

LIPA-D: 0.0-125.0 U/L Negative 125.0-250.0 U/L Suspected >250.0 U/L Positive

Operator:

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

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

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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.

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.

Mg



Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, etc.

Na+



Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, hyperaldosteronism, and severe dehydration, etc. Reduction is commonly associated with hypoadrenocorticism, diuretic therapy, 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.

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