

Biochemistry test report



Patient:	HANNAH	Species:	Canine	Patient ID:	260521003
Client:	ESTRADA	Gender:	Female	Sample No.:	03
Doctor:		Age:	7Y	Time of analysis:	2026/05/21 14:44

Item		Current result		Ref. Ranges	
Protein	TP	↑	100.2	g/L	52.0-82.0
Protein	ALB		23.2	g/L	21.0-40.0
Protein	GLOB	↑	77.0	g/L	25.4-52.0
Protein	A/G		0.3		
Liver and gallbladder	ALT		29.6	U/L	10.1-100.3
Liver and gallbladder	AST		24.1	U/L	0.0-51.7
Liver and gallbladder	AST/ALT		0.81		
Liver and gallbladder	ALP		50.0	U/L	15.5-212.0
Liver and gallbladder	GGT		<2.0	U/L	0.0-15.9
Liver and gallbladder	TBIL		<1.70	μmol/L	0.00-15.00
Liver and gallbladder	TBA		<1.0	μmol/L	0.0-30.0
Pancreas	AMY		700.4	U/L	397.7-1285.1
Pancreas	LIPA-D		26.8	U/L	0.0-100.0
Kidneys	BUN	↑	26.30	mmol/L	2.50-9.77
Kidneys	CREA	↑	242.30	μmol/L	20.00-123.70
Kidneys	BUN/CREA		26.9		
Cardiovasc./Muscle	CK		89.5	U/L	66.4-257.5
Cardiovasc./Muscle	LDH		67.5	U/L	0.0-143.6
Energy metabolism	GLU		4.08	mmol/L	3.80-7.50
Energy metabolism	TC		3.86	mmol/L	2.67-8.38
Energy metabolism	TG		0.86	mmol/L	0.10-1.30
Minerals	Ca		2.62	mmol/L	2.10-2.97
Minerals	PHOS		1.81	mmol/L	0.70-2.20
Minerals	CaxP		4.75	(mmol/L) ²	
Minerals	Mg	↑	1.36	mmol/L	0.53-1.06
Electrolytes	Na+		148.7	mmol/L	138.0-160.0
Electrolytes	K+		4.5	mmol/L	3.5-5.9
Electrolytes	Na/K		33.3		
Electrolytes	Cl-	↓	97.4	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 Fail	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	1+
		ICT(Jaundice degree):	0

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2026-05-21 14:45:16



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Report Explan.

TP



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

GLOB



Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

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.

Mg



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