

Biochemistry test report



Patient:	Jamillah	Species:	Canine	Patient ID:	2505102
Client:	Catherine Vuelta	Gender:	Female	Sample No.:	0000002
Doctor:		Age:	Adult 12Y	Time of analysis:	2025/06/21 15:34

Item		Current result		Ref. Ranges		2025/05/10
Protein	TP	7.83	g/dL	5.31-7.92		7.97
Protein	ALB	3.01	g/dL	2.34-4.00		2.95
Protein	GLOB	4.82	g/dL	2.54-5.20		5.02
Protein	A/G	0.6				0.6
Liver and gallbladder	ALT	21.9	U/L	10.1-100.3		17.4
Liver and gallbladder	AST	11.9	U/L	0.0-51.7		12.8
Liver and gallbladder	AST/ALT	0.54				0.74
Liver and gallbladder	ALP	↑ 272.9	U/L	15.5-212.0		322.3
Liver and gallbladder	GGT	9.3	U/L	0.0-15.9		9.6
Liver and gallbladder	TBIL	<0.10	mg/dL	0.00-0.88		0.14
Liver and gallbladder	TBA	4.3	μmol/L	0.0-30.0		12.1
Pancreas	AMY	↓ 368.9	U/L	397.7-1285.1		440.8
Kidneys	BUN	11.67	mg/dL	7.02-27.45		10.40
Kidneys	CREA	0.81	mg/dL	0.23-1.40		0.45
Kidneys	BUN/CREA	14.3				23.0
Cardiovasc./Muscle	CK	104.7	U/L	66.4-257.5		128.9
Cardiovasc./Muscle	LDH	40.6	U/L	0.0-143.6		171.2
Energy metabolism	GLU	99.2	mg/dL	68.5-135.2		98.5
Energy metabolism	TC	199.5	mg/dL	103.2-324.1		206.3
Energy metabolism	TG	↑ 142.6	mg/dL	8.9-115.1		89.1
Minerals	Ca	↑ 12.05	mg/dL	8.40-11.88		11.57
Minerals	PHOS	4.25	mg/dL	2.48-6.81		3.15
Minerals	CaxP	4.14	mmol/L^2			2.95
Minerals	Mg	↓ 1.41	mg/dL	1.48-2.58		1.43
Electrolytes	Na+	148.0	mmol/L	138.0-160.0		147.2
Electrolytes	K+	4.9	mmol/L	3.5-5.9		4.6
Electrolytes	Na/K	30.3				31.8
Electrolytes	Cl-	109.7	mmol/L	102.7-125.0		108.2

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0	ICT(Jaundice degree):	0
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The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-06-21 15:39:12



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Report Explan.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.

AMY



Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, 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.

Mg



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