

Biochemistry test report



Patient: MAEVE Species: Canine Patient ID: 108184
 Client: COSTALES Gender: Female Sample No.: 01
 Doctor: Age stage: Time of analysis: 2025/03/26 14:45

Item		Current result	Ref. Ranges
Protein	TP	5.57 g/dL	5.31-7.92
Protein	ALB	↓ 1.96 g/dL	2.34-4.00
Protein	GLOB	3.61 g/dL	2.54-4.40
Protein	A/G	0.5	
Liver and gallbladder	ALT	32.0 U/L	10.1-100.3
Liver and gallbladder	AST	↓ 16.1 U/L	21.0-51.7
Liver and gallbladder	AST/ALT	0.50	
Liver and gallbladder	ALP	↑ 175.7 U/L	15.5-125.0
Liver and gallbladder	GGT	4.9 U/L	0.0-15.9
Liver and gallbladder	TBIL	0.14 mg/dL	0.00-0.88
Pancreas	AMY	807.1 U/L	397.7-1285.1
Kidneys	BUN	10.02 mg/dL	7.02-27.45
Kidneys	CREA	0.67 mg/dL	0.38-1.40
Kidneys	BUN/CREA	14.9	
Cardiovasc./Muscle	CK	↓ 29.1 U/L	66.4-257.5
Cardiovasc./Muscle	LDH	↓ <20.0 U/L	36.4-143.6
Energy metabolism	GLU	95.2 mg/dL	68.5-113.3
Energy metabolism	TC	186.2 mg/dL	103.2-324.1
Minerals	Ca	9.44 mg/dL	9.20-11.88
Minerals	PHOS	↓ 3.04 mg/dL	3.10-6.81
Minerals	CaxP	2.32 mmol/L ²	
Electrolytes	tCO2	17.34 mmol/L	13.14-25.13
Electrolytes	Na+	↓ 137.3 mmol/L	141.6-160.0
Electrolytes	K+	3.8 mmol/L	3.5-5.9
Electrolytes	Na/K	36.2	
Electrolytes	Cl-	111.5 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

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-03-26 14:50:12



BATINGA ANIMAL MEDICAL CENTER
 SM CITY CDO UPTOWN BRANCH

Global Pioneer of Comprehensive Animal Medical Solutions
 Better healthcare for all - Since 1991



Biochemistry test report



Patient:	MAEVE	Species:	Canine	Patient ID:	108184
Client:	COSTALES	Gender:	Female	Sample No.:	01
Doctor:		Age stage:		Time of analysis:	2025/03/26 14:45



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.

AST



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

ALP



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

PHOS



Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, 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.

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.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-03-26 14:50:12



BATINGA ANIMAL MEDICAL CENTER
SM CITY CDO UPTOWN BRANCH

Global Pioneer of Comprehensive Animal Medical Solutions
Better healthcare for all - Since 1991

