Biochemistry test report

Patient:	FERRERO	Species:	Canine	Patient ID:	106784
Client:	GEMMA VELASCO	Gender:	Male	Sample No.:	03
Doctor:		Age:	9Y	Time of analysis:	2025/08/06 13:08

Item		Current result		Ref. Ranges		2025/07/19
Protein	TP	7.39	g/dL	5.31-7.92		7.15
Protein	ALB ↓	1.97	g/dL	2.34-4.00		1.85
Protein	GLOB ↑	5.42	g/dL	2.54-5.20		5.30
Protein	A/G	0.4				0.3
Liver and gallbladder	ALT	49.0	U/L	10.1-100.3		43.4
Liver and gallbladder	AST	24.4	U/L	0.0-51.7		20.1
Liver and gallbladder	AST/ALT	0.50				0.46
Liver and gallbladder	ALP	68.8	U/L	15.5-212.0		85.7
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9		<2.0
Liver and gallbladder	TBIL	0.14	mg/dL	0.00-0.88		0.13
Liver and gallbladder	TBA	<1.0	µmol/L	0.0-30.0		<1.0
Pancreas	AMY ↑	1978.4	U/L	397.7-1285.1		2029.4
Kidneys	BUN	17.03	mg/dL	7.03-27.45		8.15
Kidneys	CREA	0.87	mg/dL	0.23-1.40		0.78
Kidneys	BUN/CREA	19.5				10.4
Cardiovasc./Muscle	CK	86.4	U/L	66.4-257.5		72.9
Cardiovasc./Muscle	LDH	22.1	U/L	0.0-143.6		30.6
Energy metabolism	GLU	114.2	mg/dL	68.5-135.2		101.1
Energy metabolism	TC	222.0	mg/dL	103.2-324.1		210.0
Energy metabolism	TG	67.3	mg/dL	8.9-115.1		34.5
Minerals	Ca	9.52	mg/dL	8.40-11.88		9.36
Minerals	PHOS	3.53	mg/dL	2.48-6.81		3.90
Minerals	CaxP	2.70	mmol/L^2			2.96
Minerals	Mg	1.48	mg/dL	1.48-2.58		1.65
Electrolytes	Na+	142.9	mmol/L	138.0-160.0		144.0
Electrolytes	K+	4.5	mmol/L	3.5-5.9		4.5
Electrolytes	Na/K	32.1				32.0
Electrolytes	Cl- ↑	125.5	mmol/L	102.7-125.0		>135.0

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:2025-08-06 13:14:37

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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.
AMY	↑	Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, 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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