

# Biochemistry test report



Patient:	Pipay	Species:	Canine	Patient ID:	251215003
Client:	Bella Liceraldy	Gender:	Female	Sample No.:	0000003
Doctor:		Age:	4Y	Time of analysis:	2025/12/15 14:42

Item	Current result	Ref. Ranges
Protein	<b>TP</b>	<b>5.55</b>
Protein	<b>ALB</b>	<b>1.87</b>
Protein	<b>GLOB</b>	<b>3.68</b>
Protein	<b>A/G</b>	<b>0.5</b>
Liver and gallbladder	<b>ALT</b>	<b>8.6</b>
Liver and gallbladder	<b>AST</b>	<b>16.2</b>
Liver and gallbladder	<b>AST/ALT</b>	<b>1.88</b>
Liver and gallbladder	<b>ALP</b>	<b>9.4</b>
Liver and gallbladder	<b>GGT</b>	<b>3.5</b>
Liver and gallbladder	<b>TBIL</b>	<b>&lt;0.10</b>
Liver and gallbladder	<b>TBA</b>	<b>&lt;1.0</b>
Pancreas	<b>AMY</b>	<b>1560.3</b>
Kidneys	<b>BUN</b>	<b>80.71</b>
Kidneys	<b>CREA</b>	<b>4.07</b>
Kidneys	<b>BUN/CREA</b>	<b>19.7</b>
Cardiovasc./Muscle	<b>CK</b>	<b>112.7</b>
Cardiovasc./Muscle	<b>LDH</b>	<b>60.7</b>
Energy metabolism	<b>GLU</b>	<b>111.8</b>
Energy metabolism	<b>TC</b>	<b>416.8</b>
Energy metabolism	<b>TG</b>	<b>77.4</b>
Minerals	<b>Ca</b>	<b>9.53</b>
Minerals	<b>PHOS</b>	<b>5.98</b>
Minerals	<b>CaxP</b>	<b>4.60</b>
Minerals	<b>Mg</b>	<b>1.96</b>
Electrolytes	<b>Na+</b>	<b>153.2</b>
Electrolytes	<b>K+</b>	<b>3.9</b>
Electrolytes	<b>Na/K</b>	<b>39.2</b>
Electrolytes	<b>Cl-</b>	<b>116.2</b>

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0

LIP(Lipemia degree): 0

0

ICT(Jaundice degree): 0

0



## Report Explain.

**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.

The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-12-15 14:46:47



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## Report Explan.

ALT	↓	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.
AMY	↑	Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.
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.
TC	↑	Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticalismus, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism,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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