

Name: Canine Species (Tommy)

Ref. by: Aleef Club

Date: July 27th 2020

Gender: Male

Blood Chemistry Profile

Parameter	Result	Reference range
GPT (ALT)	133 (H)	10-109 U/L
GOT (AST)	101 (H)	16-54 U/L
GGT	13.1 (H)	1.8-12 U/L
Alkaline Phosphatase	112	1-114 U/L
Bilirubin (Total)	0.39 (H)	0-0.3 mg/dL

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Interpretation

1-Increased Liver Enzymes GPT (ALT) & GOT (AST) are seen in:

- a) Acute hepatic disorders such as (Inflammation, Intoxication or Neoplasms).
- b) Metabolic disorders associated with fatty liver.
- c) Myopathies such as (Muscle trauma, Tying-up, Azoturia or muscular dystrophy).
- d) Cardiac diseases such as myocardial infarction.

2-Hyperbilirubinemia (Increased total bilirubin) is caused by:

- a) Hepatic diseases.
- b) Cholestasis is defined as decreased bile flow due to (Physical obstruction of bile flow or Functional defects in the transporters that deliver bile salts or bilirubin into the biliary system).

3-Increased GGT enzyme is seen in:

- Cholestasis.

Pets Line Technical and Scientific Officer

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