

Clinical Pathology

Which is the best interpretation of these results from a horse?

Test	Patient	Reference Interval	Flag
Total bilirubin	120 $\mu\text{mol/L}$	4 – 102 $\mu\text{mol/L}$	High
Conjugated bilirubin	8 $\mu\text{mol/L}$	0 – 10 $\mu\text{mol/L}$	
Unconjugated bilirubin	112 $\mu\text{mol/L}$	4 – 98 $\mu\text{mol/L}$	High
Creatine kinase	492 U/L	0 – 500 U/L	
Aspartate aminotransferase	899 U/L	197 – 429 U/L	High
Gamma-glutamyl transferase	24 U/L	0 – 25 U/L	
Sorbitol dehydrogenase	12 U/L	1 – 15 U/L	

- A. Hepatocellular damage only
- B. Acute muscle cellular damage only
- C. Anorexia and hepatocellular damage
- D. Cholestasis and hepatocellular damage
- E. Anorexia and resolving muscle cellular damage

Answer: E. Anorexia and resolving muscle cellular damage

Reference: Thrall – Veterinary Hematology and Clinical Chemistry

PROP 0.60

RPBI 0.46