

Table 3 Physiological and biochemical parameters of control and hyperbilirubinemia (HB) rat serum at day 14 following administration of bilirubin (n = 6).

parameters	control rats	HB rats
Body weight (BW) (g)	252±38	225±17
Liver weight (% of BW)	2.48±0.06	2.98±0.37**
Spleen weight (% of BW)	0.26±0.05	0.37±0.11*
AST (IU L⁻¹)	17.47±2.51	21.78±5.51
ALT (IU L⁻¹)	9.03±1.46	9.58±1.52
AKP (IU L⁻¹)	108.04±23.44	152.00±37.24
Total bilirubin (μmol L⁻¹)	1.75±1.42	22.11±5.73**
Direct bilirubin (μmol L⁻¹)	0.91±0.11	5.60±1.99**

Data were expressed as mean±SD, * $p < 0.05$ or ** $p < 0.01$ vs control rats. AST, ALT and AKP represent aspartate transaminase, alanine transaminase and alkaline phosphatase, respectively.