

**Table 2 The effect of overgrazing on sheep serum biochemical parameters**

Item	Groups	
	LG	OG
ALT (IU/L)	28.51 ± 9.75 <sup>b</sup>	39.30 ± 7.32 <sup>a</sup>
AST (IU/L)	125.25 ± 13.03 <sup>b</sup>	148.26 ± 15.30 <sup>a</sup>
ALP (U/L)	203.43 ± 11.76 <sup>b</sup>	270.71 ± 26.35 <sup>a</sup>
ALB (g/L)	32.36 ± 4.78 <sup>a</sup>	26.73 ± 4.21 <sup>b</sup>
TBIL (mmol/L)	4.13 ± 0.66 <sup>b</sup>	6.26 ± 1.37 <sup>a</sup>
BUN (mmol/L)	8.75 ± 0.38 <sup>b</sup>	11.20 ± 1.55 <sup>a</sup>
GLU (mmol/L)	5.95 ± 1.26 <sup>a</sup>	4.38 ± 0.87 <sup>b</sup>
NEFAs (mmol/L)	0.62 ± 0.05 <sup>a</sup>	0.37 ± 0.08 <sup>b</sup>
IL-8 (pg/mL)	0.48 ± 0.07 <sup>b</sup>	0.75 ± 0.11 <sup>a</sup>
IgG (g/L)	17.12 ± 2.57 <sup>a</sup>	13.79 ± 1.83 <sup>b</sup>

LG, light grazing; OG, overgrazing.

ALT, alanine aminotransferase; AST, aspartate aminotransferase; ALP, alkaline phosphatase; ALB, albumin, TBIL, total bilirubin; BUN, blood urea nitrogen; GLU, glucose; NEFAs, nonesterified fatty acid; IL, interleukin; IgG, immunoglobulin G.

Values within a column with different superscript letters are significantly different at  $P < 0.05$ . Numbers are expressed as the means ± SDs. (n = 12).