

Table 3 Levels of serum gastrin, tissue COX-2 activity, serum E-cadherin, and CagA antibodies (Ab) in the 3 study groups

Parameter	Group I ^a (n = 20)	Group II ^a (n = 20)	Group III ^a (n = 20)	P-value ^b
	Mean (SD)	Mean (SD)	Mean (SD)	
Serum gastrin (pmol/L)	5.3 (1.4)	16.6 (3.8)	30.3 (5.9)	< 0.01
COX-2 activity (U/mL)	414.9 (87.4)	632.8 (122.7)	1106.4 (298.5)	< 0.01
Serum E-cadherin (µg/mL)	1.9 (0.3)	4.3 (0.7)	6.4 (1.2)	< 0.01
Serum CagA-Ab (Uarb/mL)	2.2 (1.0)	64.4 (14.3)	52.4 (11.0)	< 0.01

^aAll between-group comparisons were statistically significant ($P < 0.05$).

^bANOVA test.

Group I = control group; group II = patients with *H. pylori*-associated gastritis; group III = patients with stomach cancer.

SD = standard deviation.