

Table 1. *Mucus accumulation rates in gastrointestinal tract before and after mucus removal by applied suction*

	Before Removal		After Removal, $\mu\text{m}/\text{min}$		
	(0–80 min), $\mu\text{m}/\text{min}$		0–20 min	20–40 min	40–140 min
Corpus	–0.04 $\pm$ 0.1		0.9 $\pm$ 0.1	0.5 $\pm$ 0.2	0.06 $\pm$ 0.04
Antrum	–0.08 $\pm$ 0.1		1.3 $\pm$ 0.3	1.2 $\pm$ 0.3*	0.3 $\pm$ 0.08*

  

	Before Removal, $\mu\text{m}/\text{min}$		After Removal, $\mu\text{m}/\text{min}$		
	0–45 min	45–90 min	0–30 min	30–60 min	60–90 min
Duodenum	1.9 $\pm$ 0.5	2.8 $\pm$ 0.8	0.9 $\pm$ 0.3	1.4 $\pm$ 0.3	1.5 $\pm$ 0.4
Jejunum	2.5 $\pm$ 0.3	3.6 $\pm$ 0.6	2.5 $\pm$ 0.8	1.7 $\pm$ 0.3	2.0 $\pm$ 0.9
Ileum	4.7 $\pm$ 1.2 <sup>†</sup>	ND	1.9 $\pm$ 0.3	1.5 $\pm$ 0.4	1.7 $\pm$ 0.7
Colon	5.2 $\pm$ 2.1	3.9 $\pm$ 1.2	6.7 $\pm$ 1.1	7.1 $\pm$ 1.4	4.6 $\pm$ 1.4

Values are means  $\pm$  SE for each interval. By multiplying the values by 100 the volume-secretion rate in  $\text{nl}\cdot\text{min}^{-1}\cdot\text{cm}^{-2}$  may be obtained. ND, not determined. \* $P < 0.05$ , antrum vs. corpus at same time interval. <sup>†</sup> $P < 0.05$ , ileum vs. other areas of small intestine at same time interval. (ANOVA followed by Fischer's protected least-significant difference test).