

Table 3.5. Cell production rates in the gastrointestinal tracts of mice and rats, measured by the metaphase arrest method with vincristine using microdissection. Values are mean \pm SEM and are expressed as cells produced/crypt or gland/hour.

Anatomical site*	Rats	Mice
Stomach (antrum)	2.2 \pm 0.4	—
Small intestine		
10%	29.7 \pm 2.3	12.4 \pm 1.0
25%	16.9 \pm 1.6	16.4 \pm 1.1
50%	24.7 \pm 3.9	11.6 \pm 0.7
75%	18.7 \pm 2.7	10.6 \pm 0.8
95%	28.6 \pm 2.1	13.0 \pm 0.8
Colon		
50%	5.7 \pm 1.8	10.3 \pm 1.2
90%	9.8 \pm 1.3	11.3 \pm 1.8

*Unless specified, these refer to fractions of the length along the respective organ, i.e. 25 per cent in the small intestine refers to a portion of tissue taken from this point, allowing reasonable comparison between studies.