

Table 3. Enterocyte turnover in the human gastrointestinal tract.

Segment	Turnover (Days)	SD	N	Additional information	Method	References
Oesophagus	6.35	2.08	1		H-Thymidine, <i>in vivo</i>	(Bell et al., 1967)
Stomach	5	1	2		H-Thymidine, <i>in vivo</i>	(Macdonald et al., 1964)
Stomach	3.5	0.5	3		H-Thymidine, <i>in vivo</i>	(Lipkin et al., 1963b)
Stomach	3.46	1.21	16	Gastric body	BrdUrd, <i>in vivo</i>	(Patel et al., 1993)
Stomach	2.58	1.17	10	Gastric antrum	BrdUrd, <i>in vivo</i>	(Patel et al., 1993)
Stomach	3.43	1.14	4		H-Thymidine, <i>in vivo</i>	(Wright et al., 1977)
Duodenum	5.42	NA	1	Individual 1	H-Thymidine, <i>in vivo</i>	(Macdonald et al., 1964)
Duodenum	5.5	0.5	1	Individual 2	H-Thymidine, <i>in vivo</i>	(Macdonald et al., 1964)
Duodenum	2	NA	56		Histological study	(Bertalanffy and Nagy, 1961)
Duodenum	1.26	0.17	2		H-Thymidine, <i>in vivo</i>	(Weinstein, 1974)
Jejunum	5	NA	3		H-Thymidine, <i>in vivo</i>	(Shorter et al., 1964)
Ileum	1.4	NA	6		Histological study	(Bullen et al., 2006)
Ileum	3	NA	3		H-Thymidine, <i>in vivo</i>	(Lipkin et al., 1963b)
Colon	1	NA	2		H-Thymidine, <i>in vivo</i>	(Lipkin et al., 1963a)
Colon	0.83	NA	3		H-Thymidine, <i>in vivo</i>	(Lipkin et al., 1963b)
Colon	3.41	NA	66		BrdUrd, <i>in vivo</i>	(Potten et al., 1992)
Colon	1.63	NA	1		H-Thymidine, <i>in vivo</i>	(Lipkin, 1969)
Colon	3.04	0.25	8		H-Thymidine, <i>in vitro</i>	(Bleiberg and Galand, 1976)
Rectum	5.5	0.5	2		H-Thymidine, <i>in vivo</i>	(Macdonald et al., 1964)
Rectum	7	1	1		H-Thymidine, <i>in vivo</i>	(Cole and Mc, 1961)

Rectum	3.66	0.42	18	Normal subjects	Histological study	(Shorter et al., 1966)
Rectum	4.73	0.59	9	Chronic ulcerative colitis in remission	Histological study	(Shorter et al., 1966)
Rectum	5.45	0.61	17	Active chronic ulcerative colitis	Histological study	(Shorter et al., 1966)
Rectum	0.83	NA	3		H-Thymidine, <i>in vivo</i>	(Lipkin et al., 1963b)
Rectum	3	NA	3		H-Thymidine, <i>in vivo</i>	(Shorter et al., 1964)
Rectum	3.5	0.5	16		H-Thymidine, <i>in vitro</i>	(Deschner et al., 1963)
Rectum	3.75	NA	8		H-Thymidine, <i>in vitro</i>	(Bleiberg et al., 1970)
NA=Not applicable						