

TABLE 3. *Estimates of contributions of VFA produced in different segments of digestive tract of various species to energy requirements of whole body*

Species	Organ	% of Energy Requirements	Reference
Sheep	Rumen*	70	51, 128
	Cecum*	5	110
	Total hindgut [†]	8	143, 294
Cattle	Rumen*	63	269
	Total hindgut [†]	9	269
Rat	Cecum*	5	330
Porcupine	Cecum [‡]	16	164
Beaver	Large intestine [‡]	19	144
Rabbit	Cecum [‡]	12	145
	Total hindgut*	30	203, 221
Pony	Cecum*	30	123
Pig	Large intestine [‡]	11	160, 175
	Total hindgut [§]	25	244
Human	Large intestine [†]	6-10	209

* In vivo isotope dilution. † Calculations based on amount of fiber and carbohydrate leaving ileum. ‡ In vitro incubation of gut contents. § Absorption into portal blood.

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