

TABLE III

Rapidly degrading protein in bacteria growing at different rates

Bacterial strain and growth medium ^a	Bacterial doubling (0.693/λ)	Rapidly degrading protein	
		Half-life (T _{½A})	Amount (p _A)
	<i>min</i>	<i>min</i>	% ^b
<i>E. coli</i> B uracil and tryptophan auxotroph			
DL-Alanine	350	27	2.0
DL-Alanine	227	32	1.79
DL-Alanine	660	32	0.84
Glucose	60	50	3.46
DL-Alanine	620	25	1.37
Rich	35	58	4.21
Glucose	66	78	3.31
Glucose	66	72	2.84
Glucose	70	53	2.95
Rich	38	60	3.01
<i>E. coli</i> B uracil auxotroph Glucose-limited chemostat	105	53	3.07
	300	46	1.30
	690	29	1.34
	1440	30	0.57
	3660	36	0.27

^a Perfusion medium contained glucose and DL-leucine and was devoid of uracil and tryptophan.

^b *cf.* Table I, Footnote *b*.