

TABLE 4. Measurement of the stable RNA chain elongation rate at various temperatures

Temp (°C)	Expt no.	Duration of tRNA synthesis after rifampin (s) ^a (avg)	Chain growth rate (nucl./s) ^b
20.5	1	192	32
	2	192	
	3	180	
25	4	132	45
	5	131	
	6	133	
30	7	102	59
	8	101	
	9	103	
37	10	69	86
	11	71	
	12	72	
	13	69	
42	14	50	118
	15	52	
	16	50	

^a Determined as described in the legend to Fig. 1, illustrating experiment no. 7 of this table.

^b Chain growth rate, 6,000 nucleotides (nucl.) per rRNA transcript (1), divided by duration of tRNA synthesis after rifampin.