

TABLE II

THE EFFECT OF SUPPLEMENTATION AFTER CHLORAMPHENICOL ADDITION ON
SYNTHESIS OF RNA BY *Aerobacter aerogenes*, STRAIN XXXV

Chloramphenicol was added at 0 time to cultures in balanced growth in the medium indicated.
6-10 min later the culture was divided and the indicated supplement added to one portion.
Incubation of both portions was continued and v_{CM} determined in the usual way.

Growth medium*	Supplement added after chloramphenicol	v_{CM} ($\mu\text{g CM-RNA/h/mg protein}$)	
		Unsupplemented	Supplemented
Glucose, L-serine	NH_4^+	225	370
Glucose, L-serine	NH_4^+	215**	360
Glucose, L-serine	Nucleosides	215**	410
Glucose, L-serine	KS-1	205	360
L-Histidine, NH_4^+	Glucose	180	270
L-Histidine, NN_4^+	Glucose	210**	360 (630***)
Inositol, NH_4^+	KS-1	250	500

* Additions to basal solution.

** Values taken from Fig. 2.

*** Transient initial rate, see text.