

1.7 Kinetics of Transcription

Transcription reacton 10 uL

	RRL uncapped	WG capped
CB 5X	2 uL	2 uL
4 NTP 5X	2 uL	2 uL
G Cap 10X		1 uL
DTT 10X	1 uL	1uL
tRNA 50X	0.2 uL	0.2 uL
SP6 pol 10 U/uL	0.4 uL	0.4 uL
RNasin	0.4 uL	0.4 uL
DNA 1 mg/mL	1 uL	1 uL
water	3 uL	2 uL
TOTAL	10 uL	10 uL

Incubate 37°C 1 h.

Store transcript in -70°C freezer. Note that upon thawing, the RNase inhibitor will be inactive.

If required, SP6 pol may be used at up to 20 units in a 10 uL reaction, that is 0.4 uL of 50 u/uL in 10 uL.