

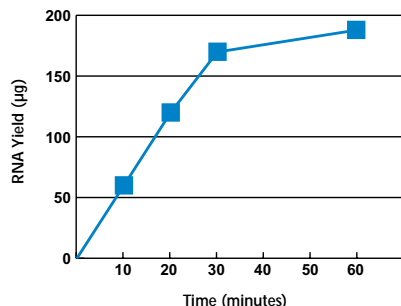
New

Introducing EPICENTRE's New AmpliScribe™ T7-Flash™ Transcription Kit ...

Transcribe More RNA in 30 Minutes Than the Leading Competitor's "High Yield" Transcription Kit Can Do in 2 Hours

EPICENTRE's new AmpliScribe™ T7-Flash™ Transcription Kit has been developed to produce the highest yields of RNA in the shortest time. Using 1 µg of standard 1.4-kb T7 promoter-containing DNA template in a 20-µl reaction, an AmpliScribe T7-Flash Transcription reaction yields up to 180 µg of RNA (9 mg/ml) in 30 minutes (Figure 1). The leading competitor's "high yield" transcription kit produces less RNA using a 2-hour reaction.

Figure 1. An AmpliScribe™ T7-Flash™ reaction produces up to 180 µg of RNA in 30 minutes.



Make More Long or Short RNA Transcripts

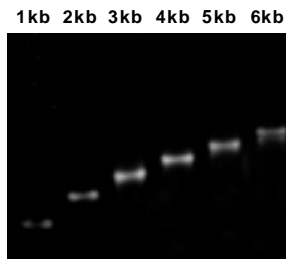
The AmpliScribe T7-Flash Transcription Kit produces good yields of RNA from templates ranging in size from <50 bp to several kbp (e.g. Figure 2) in 30 minute reactions.

Try an AmpliScribe™ T7-Flash™ Transcription Kit At No Risk

EPICENTRE's new AmpliScribe T7-Flash Transcription Kit produces the highest

yields of full-length RNA in the shortest time compared to conventional *in vitro* transcription reactions and the leading competitor's *in vitro* transcription kit. But don't take our word for it. Compare the AmpliScribe T7-Flash Transcription Kit with the *in vitro* transcription system that you are currently using.

Figure 2. Full length RNA transcripts from <50 bases to several kb are produced using the AmpliScribe™ T7-Flash™ Transcription Kit.



www.epicentre.com/t7-flash.asp

AmpliScribe™ T7-Flash™ Transcription Kit

| | |
|---------|--------------|
| ASF3257 | 25 Reactions |
| ASF3507 | 50 Reactions |

Contents:

AmpliScribe™ T7-Flash™ Enzyme Solution (with added RNase inhibitor), AmpliScribe™ T7-Flash™ 10X Reaction Buffer, ATP, CTP, GTP, UTP, RNase-Free Water, RNase-Free DNase I, DTT, and Control DNA Template (linearized).

Obtain the Highest Yield of Capped RNA from an *In Vitro* Transcription Reaction

EPICENTRE's AmpliCap™ T7, T3, and SP6 High Yield Message Maker Kits are specially formulated to produce the highest yield of m⁷G[5']ppp[5']G-capped RNA from an *in vitro* transcription reaction.

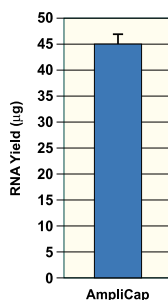


Figure 1. AmpliCap™ T7 High Yield Message Maker Kits consistently produce the highest yield of 5'-capped RNA transcript.

The AmpliCap T7, T3, and SP6 High Yield Message Maker Kit features:

- RNA yields up to 45 µg per reaction using the AmpliCap T7 and T3 Kits and up to 35 µg using an AmpliCap SP6 Kit. (Twenty microliter reactions using Control Template DNA).
- Up to 80% of the RNA is capped using all three kits.
- An optimized m⁷G[5']ppp[5']G Cap/NTP PreMix solution is provided.
- A separate vial of GTP is also included for efficient production of long, 5'-capped RNA.
- AmpliCap Kits utilize concentrations of NTPs that are high enough to inhibit conventional transcription reactions.

www.epicentre.com/amplicap.asp

AmpliCap™ High Yield Message Maker Kits

| | |
|--------|--------------|
| AC0707 | 25 Reactions |
| AC0703 | 25 Reactions |
| AC0706 | 25 Reactions |

Contents:

Each kit contains the respective AmpliCap™ Enzyme Solution (includes RNase inhibitor), Cap/NTP PreMix, 20 mM GTP, 10 X AmpliCap™ Transcription Buffer, 100mM DTT, RNase-Free DNase I, Control DNA Template (linearized), and RNase-Free Water.