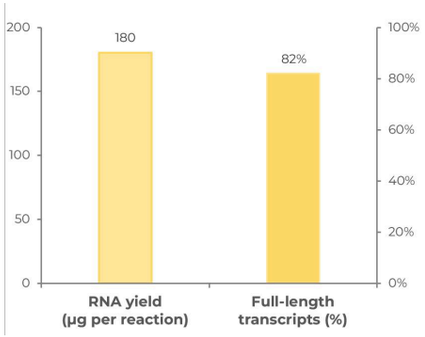
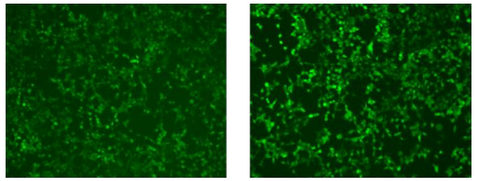
## NORTHSCRIBE CO CAP™ A TRANSCRIPTION KITS

The **NorthScribe Co Cap™ A Transcription kits** are developed to generate exceptional yields of high integrity **Co Cap™ A-capped (Cap-1) mRNA.** Co Cap™ A-capped transcripts exhibit enhanced translational efficiency and reduced immune stimulation, frequently resulting in higher protein expression and superior transfection performance compared with ARCA-capped mRNA. Optimized IVT conditions enable the synthesis of 160–180 µg of mRNA per reaction.

### High yield and RNA integrity




### Enhanced mRNA expression



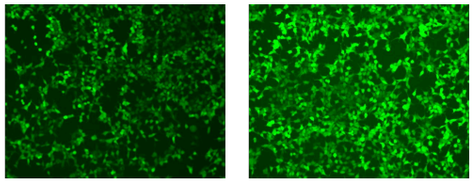
NorthScribe ARCA Transcription kits

NorthScribe Co Cap™ A Transcription kits

## m¹Ψ-NORTHSCRIBE CO CAP™ A TRANSCRIPTION KITS

**M¹Ψ-NorthScribe Co Cap™ A Transcription kits** feature **Co Cap™ A** and and **N1-methyl-pseudouridine (m1Ψ)** to promote transcript stability and translation efficiency and reduce immunogenicity.

NorthScribe Co Cap™ A Transcription kits



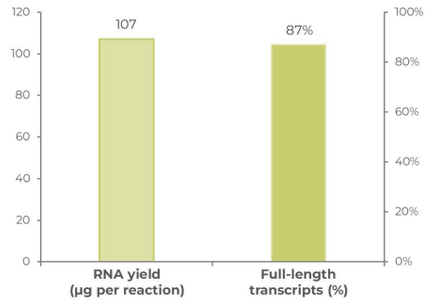
m¹Ψ-NorthScribe Co Cap™ A Transcription kits

## RNA SYNTHESIS KITS

Our **RNA Synthesis Kits** are designed to provide flexible, high-yield synthesis of **uncapped RNA** in reactions optimized to yield approximately 100–120 µg of high-integrity RNA after a 2-hour incubation.

The synthesized RNA can be used for downstream applications such as RNA structure and function studies, microinjection, transfection, *in situ* hybridization and *in vitro* translation.

### High yield and RNA integrity









# The Quality RNA Company

At Ternaria Biosciences, purity is at the core of everything we do. We design and deliver high-quality mRNA solutions with focus on consistency, performance and precision.

Our work enables cutting-edge research today while shaping the future of RNA based technologies.

### Our focus is on purity

Our **ArtPure™ technology** is a novel system developed to generate enzymes that are:

- **> 99% pure**
- **Animal-origin free**
- **Free of contaminants and enzyme inhibitors.**

Resulting in RNA polymerases yielding **high quality mRNA.**

Ternaria Biosciences

TM-250420-1.V3.

Explore our new catalogue and discover how we can support your research at www.ternariabio.com
or contact us at ternariabio@ternariabio.com