

T7 RNA polymerase (low dsRNA)

Cat. No. COV-008

Lot. No. (See product label)

Introduction

Description T7 RNA Polymerase is a DNA-dependent RNA polymerase from T7 phage, with highly specific 5' → 3' RNA polymerase activity, and fewer dsRNA byproducts in the in vitro transcriptional product compared to wild-type T7 RNA polymerase.

Product Information

Form Clear liquid

EC Number EC 2.7.7.6

CAS No. 9014-24-8

Activity 50 U/μL

Buffer 50 mM Tris-HCl, 100 mM NaCl, 20 mM β-ME, 1 mM EDTA, 50% Glycerol, 0.1% (w/v) Triton® X-100, pH 7.9 @ 25°C

Unit Definition One unit is defined as the amount of enzyme that will catalyze NTP to produce 1 nmol PPI in 1 hour at 37°C.

Storage and Shipping Information

Storage at -25 to -15 °C (Avoid repeated freeze-thaw cycles)