



## T7 RNA Polymerase [50U/uL]

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T7 RNA Polymerase is derived from recombinant expression in E.coli. It is a DNA-dependent RNA polymerase that exhibits high specificity for the promoter sequence of bacteriophage T7. T7 RNA Polymerase utilizes double-stranded DNA templates containing the T7 promoter sequence and NTPs as substrates to synthesize single stranded RNA complementary to the downstream of the promoter.

Material supplied:

1. T7 RNA Polymerase [50U/uL]: 100uL
2. T7 RNA Pol Buffer [10x]: 1.25mL

|                   |                        |
|-------------------|------------------------|
| Catalog No.       | 517011                 |
| Size              | 5,000 units            |
| Product Category  | In Vitro Transcription |
| Storage/Stability | -20°C / 2 years        |
| Shipping          | Gel Packs              |