

IVT RNA Raw Materials



Comprehensive Solutions for IVT RNA Production

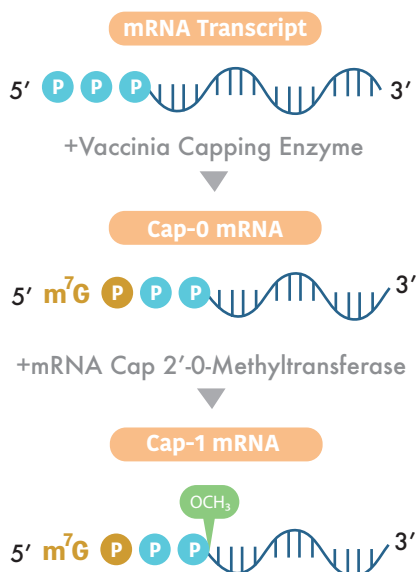
Delivering high-quality IVT mRNA and customizable formulation buffers — designed to support your search for optimal performance and precision.

▼ The outcome indicates that various buffers would have distinct effects on the same template.



Cat#	Product	Package
C15009-K01	NTP Set, 100 mM Solutions	1mL*4
C15010H-25000U	T7 RNA Polymerase(200 U /μL)	25,000 U
C15027-K01	T7 RNA Polymerase Transcription Buffer Set	10,000 U
C15027-K02	*Include buffer A~ I (200 U /μL)	
C15010HA-25000U	T7 RNA Polymerase with buffer A	25,000 U
C15010HB-25000U	T7 RNA Polymerase with buffer B	
C15010HC-25000U	T7 RNA Polymerase with buffer C	
C15010HD-25000U	T7 RNA Polymerase with buffer D	
C15010HE-25000U	T7 RNA Polymerase with buffer E	
C15010HF-25000U	T7 RNA Polymerase with buffer F	
C15010HG-25000U	T7 RNA Polymerase with buffer G	
C15010HH-25000U	T7 RNA Polymerase with buffer H	
C15010HI-25000U	T7 RNA Polymerase with buffer I	
C15022 - 1ML	ATP Solution(100mM)	1mL
C15023 - 1ML	UTP Solution(100mM)	1mL
C15024 - 1ML	CTP Solution(100mM)	1mL
C15025 - 1ML	GTP Solution(100mM)	1mL
C15026 -10U	Inorganic Pyrophosphatase (Yeast)	10mL
C15026 -50U		50mL

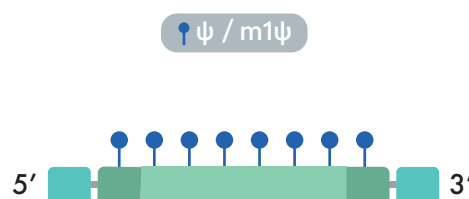
mRNA capping



Cat#	Product	Package
C15050-K01	Vaccinia Capping Kit	set
C15049-4KU	Murine RNase Inhibitor	4 KU
C09011-500U	RNase R	500U

Modified nucleotide

Pseudouridine (ψ) and N1-Me-pUTP (m1ψ) can be used to replace uridine in the IVT mRNA. It is demonstrated that the modified UTP can enhance RNA stability and decrease anti-RNA immune response.



Cat#	Product	Package
C15040-100UL	Pseudo UTP Sodium Solution	100μL
C15041-100UL	N1-Me-pUTP Sodium Solution	100μL

✓ stability

✓ Initiate translation

✓ Degradation

✓ Immunogenicity

The Application of IVT RNA Technology

