

IVT RNA Raw Materials

Your RNA Lab Lifesaver *One Kit, 9 Buffers, Guaranteed Quality & Yield*



M. RNA ladder (nt.)
 1. <200 nt. Use buffer G to H
 2. ~1000 nt. Use buffer A to H
 3. ~4000 nt. Use buffer A to F
 4. >8000 nt. Use buffer A, C, I

	C15027-K01	C15027-K02
T7 RNA Polymerase (200 U/μL)	10,000 U	25,000 U
10X RNA Polymerase Reaction Buffer A	0.5 mL	1 mL
10X RNA Polymerase Reaction Buffer B	0.5 mL	1 mL
10X RNA Polymerase Reaction Buffer C	0.5 mL	1 mL
10X RNA Polymerase Reaction Buffer D	0.5 mL	1 mL
10X RNA Polymerase Reaction Buffer E	0.5 mL	1 mL
10X RNA Polymerase Reaction Buffer F	0.5 mL	1 mL
10X RNA Polymerase Reaction Buffer G	0.5 mL	1 mL
10X RNA Polymerase Reaction Buffer H	0.5 mL	1 mL
10X RNA Polymerase Reaction Buffer I	0.5 mL	1 mL
100 mM DTT	0.5 mL	1 mL

▲ As the gel image demonstrates, different buffers have a significant impact on transcription yield. Our 9-buffer kit helps you quickly screen for the optimal conditions that best suit your template, ensuring you achieve the highest yield and quality in every experiment.

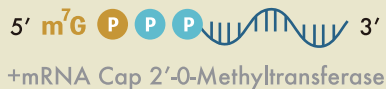
- 9 kinds of reaction buffers (Buffer A to I)
- Pre-screening to find the optimal condition
- Higher yield than others
- Getting consistent quality from start to finish

mRNA capping

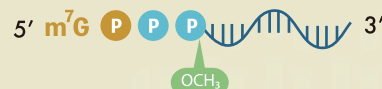
mRNA Transcript



Cap-0 mRNA



Cap-1 mRNA



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.



ψ / m1ψ

Cat#	Product	Package
C15040-100μL	Pseudo UTP Sodium Solution	100μL
C15041-100μL	N1-Me-pUTP Sodium Solution	100μL
C15050-K01	Vaccinia Capping Kit	set
C15049-4KU	Murine RNase Inhibitor	4 KU
C09011-500U	RNase R	500U

Enhance your RNA by flexibly using CROYEZ mRNA Raw Materials!

