

CELLSCRIPT™ mRNA Production Systems Comparison Table

CELLSCRIPT™'s T7 mScript™ Complete Production Systems are all-in-one kits for generating 5' capped, 3' poly(A) tailed mRNA with dsRNA removal. The T7 mScript™ Production Systems supply all reagents for generating capped and tailed mRNA. Both systems offer kits with N1-methyl-pseudouridine, pseudouridine, or uridine nucleosides.

mScript™ Complete Production Systems

- High yield transcription (N1meΨ, Ψ or U)
- ~100% capping efficiency
- Poly(A) tail lengths of 150-300+ A's
- Purification reagents

PLUS

- dsRNA removal to <0.005% (LLOQ) of the sample

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- High yield transcription (N1meΨ, Ψ or U)
- ~100% capping efficiency
- Poly(A) tail lengths of 150-300+ A's
- Purification reagents

Product	NTP contents	IVT	Capping	Tailing	Purification	dsRNA removal
INCOGNITO™ T7 mScript™ Complete N1meΨ-mRNA Production System	GA(N1meΨ)C	X	X	X	X	X
INCOGNITO™ T7 mScript™ Complete Ψ-mRNA Production System	GAΨC	X	X	X	X	X
T7 mScript™ Complete Standard mRNA Production System	GAUC	X	X	X	X	X
INCOGNITO™ T7 mScript™ N1meΨ-mRNA Production System	GA(N1meΨ)C	X	X	X	X	
INCOGNITO™ T7 mScript™ Ψ-mRNA Production System	GAΨC	X	X	X	X	
T7 mScript™ Standard mRNA Production System V2	GAUC	X	X	X	X	