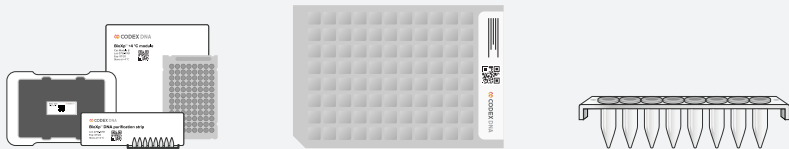


BioXp™ mRNA synthesis kit with modified nucleosides and CleanCap® AG (3'OMe) capping

Specification sheet

Contains all the Gibson Assembly® and other reagents necessary to synthesize at least 5 micrograms of capped and tailed synthetic mRNA using *de novo* synthesized, error-corrected gene fragment.

Catalog number	BX-08-MRNA-M1-CC (8 reactions); BX-16-MRNA-M1-CC (16 reactions);
Description	BioXp mRNA synthesis kit with N1-methyl-pseudouridine nucleoside modification for synthesis of mRNA with 5' CleanCap® AG (3'OMe) cap and poly(A) tail
mRNA size	0.4kb–1.8kb
Minimum yield	5 µg Yield; 10µg Median Yield Note: Yield is highly sequence dependent, expect variability when quantifying the mRNA yield for your sequence.
System	BioXp 3250 instrument
System runtime	~18 hours
Package contents	Module A: Dried down DNA oligonucleotides and DNA purification strip Module G: Reagents for DNA assembly and <i>in vitro</i> transcription including CleanCap® AG (3'OMe) Module F: RNA purification strip(s)
Package format	Module A: Clear 96-well plate in molded plate carrier with cover, 8-well purification strip, and recovery plate Module G: Full-skirt 96-well reagent plate Module F: RNA purification strip(s)  Module A Module G Module F
Quantity	8-reaction size: 1–8 reactions 16-reaction size: 1–16 reactions
Shelf life	1 month from date of manufacture
Storage conditions	Modules A and F: +4 °C Module G: –80 °C
Shipping conditions	Modules A and F: Ice pack Module G: Dry ice
Intended use	Research use only

Specifications are subject to change.