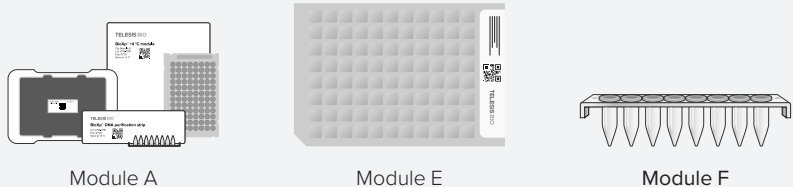


BioXp® mRNA synthesis kit with modified nucleosides and ARCA capping

Specification sheet

Contains all the Gibson Assembly® and other reagents necessary to synthesize up to 10 micrograms of biologically active capped and tailed synthetic mRNA using *de novo* synthesized, error-corrected gene fragments.

Catalog number	BX-MRNA-08M; BX-MRNA-16M
Description	BioXp mRNA synthesis kit with pseudouridine nucleoside modification for synthesis of mRNA with 5' ARCA cap and poly(A) tail
mRNA size	0.4kb–1.8kb
Yield	1–10 µg per reaction
System	BioXp 3250 instrument
System runtime	~18 hours
Package contents	Module A: Dried down DNA oligonucleotides and DNA purification strip Module E: Reagents for DNA assembly and <i>in vitro</i> transcription including ARCA capping 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 E: Full-skirt 96-well reagent plate Module F: RNA purification strip(s) 
Quantity	8-reaction size: 1–8 reactions 16-reaction size: 1–16 reactions
Shelf life	3 months from date of manufacture
Storage conditions	Modules A and F: +4 °C Module E: –20 °C
Shipping conditions	Modules A and F: Ice pack Module E: Dry ice
Intended use	Research use only

Specifications are subject to change.