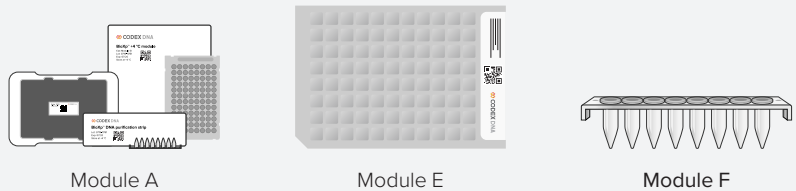


BioXp™ small-scale mRNA synthesis kit with modified nucleosides

Specification sheet

Contains all the Gibson Assembly® and other reagents necessary to synthesize up to 10 micrograms of biologically active synthetic mRNA using *de novo* synthesized, error-corrected gene fragments (mRNA template) up to 1.8 kb in length.

Catalog number	BX-MRNA-MOD
Description	BioXp™ small-scale mRNA synthesis kit with modified nucleosides for synthesis of mRNA with 5' ARCA cap and poly(A) tail
mRNA size	0.3 kb–1.8 kb
Yield	1–10 µg per reaction
System runtime	~20 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 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: 9–16 reactions
Shelf life	12 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.