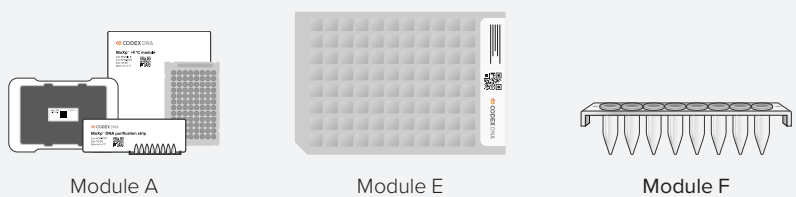


## BioXp™ mRNA synthesis kit with unmodified nucleosides and ARCA capping

### 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.

<b>Catalog number</b>	BX-MRNA-UNMOD
<b>Description</b>	BioXp small-scale mRNA synthesis kit with unmodified nucleosides for synthesis of mRNA with 5' ARCA cap and poly(A) tail
<b>mRNA size</b>	0.3 kb–1.8 kb
<b>Yield</b>	1–10 µg per reaction
<b>System</b>	BioXp 3250 instrument
<b>System runtime</b>	~20 hours
<b>Package contents</b>	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)
<b>Package format</b>	Module A: Clear 96-well plate in molded plate carrier with cover, 8-well purification strip, and recovery plate Module E: Reagents for DNA assembly and <i>in vitro</i> transcription including ARCA capping Module F: RNA purification strip(s) 
<b>Quantity</b>	8-reaction size: 1–8 reactions 16-reaction size: 1–16 reactions
<b>Shelf life</b>	6 months from date of manufacture
<b>Storage conditions</b>	Modules A and F: +4 °C Module E: –20 °C
<b>Shipping conditions</b>	Modules A and F: Ice pack Module E: Dry ice
<b>Intended use</b>	Research use only

Specifications are subject to change.