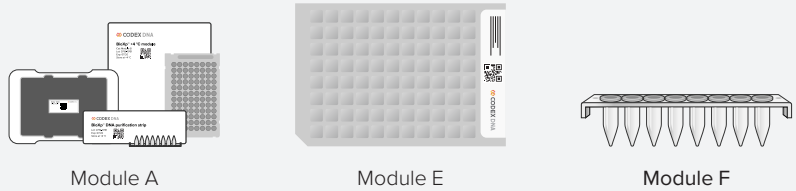


## BioXp™ mRNA synthesis kit with modified nucleosides and ARCA capping

### 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.

<b>Catalog number</b>	BX-MRNA-MOD
<b>Description</b>	BioXp mRNA synthesis kit with pseudouridine nucleoside modification 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>	<b>Module A:</b> Dried down DNA oligonucleotides and DNA purification strip <b>Module E:</b> Reagents for DNA assembly and <i>in vitro</i> transcription including ARCA capping <b>Module F:</b> RNA purification strip(s)
<b>Package format</b>	<b>Module A:</b> Clear 96-well plate in molded plate carrier with cover, 8-well purification strip, and recovery plate <b>Module E:</b> Full-skirt 96-well reagent plate <b>Module F:</b> RNA purification strip(s) 
<b>Quantity</b>	<b>8-reaction size:</b> 1–8 reactions <b>16-reaction size:</b> 1–16 reactions
<b>Shelf life</b>	6 months from date of manufacture
<b>Storage conditions</b>	<b>Modules A and F:</b> +4 °C <b>Module E:</b> –20 °C
<b>Shipping conditions</b>	<b>Modules A and F:</b> Ice pack <b>Module E:</b> Dry ice
<b>Intended use</b>	Research use only

Specifications are subject to change.