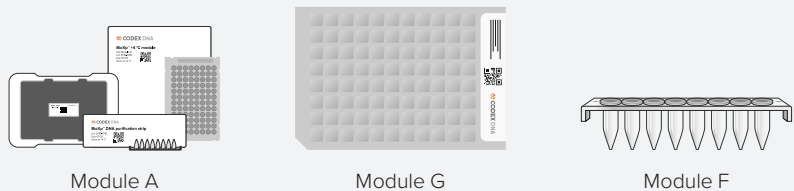


# BioXp™ mRNA synthesis kit with unmodified nucleosides and CleanCap® AG (3'OMe) capping

## 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 fragments.

<b>Catalog numbers</b>	BX-08-MRNA-U-CC (8 reactions); BX-16-MRNA-U-CC (16 reactions);
<b>Description</b>	BioXp mRNA synthesis kit with no nucleoside modification for synthesis of mRNA with 5' CleanCap® AG (3'OMe) cap and poly(A) tail
<b>mRNA size</b>	0.4kb–1.8kb
<b>Minimum yield</b>	5µg per reaction; 10µg Median Yield <b>Note:</b> Yield is highly sequence dependent, expect variability when quantifying the mRNA yield for your sequence.
<b>System</b>	BioXp 3250 instrument
<b>System runtime</b>	~18 hours
<b>Package contents</b>	<b>Module A:</b> Dried down DNA oligonucleotides and DNA purification strip <b>Module G:</b> Reagents for DNA assembly and <i>in vitro</i> transcription including CleanCap AG (3'OMe) <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 G:</b> Full-skirt 96-well reagent plate <b>Module F:</b> RNA purification strip(s) 
<b>Quantity</b>	8-reaction size: 1–8 reactions 16-reaction size: 1–16 reactions
<b>Shelf life</b>	2 months from date of manufacture
<b>Storage conditions</b>	Modules A and F: +4 °C Module G: –80 °C
<b>Shipping conditions</b>	Modules A and F: Ice pack Module G: Dry ice
<b>Intended use</b>	Research use only

Specifications are subject to change.