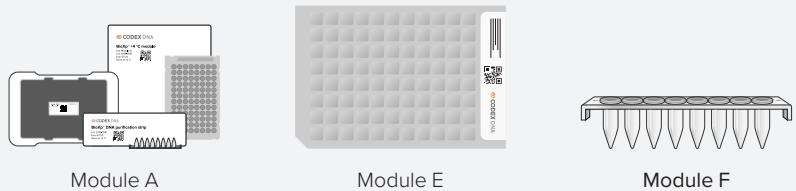


BioXp™ small-scale mRNA synthesis kit with unmodified nucleosides

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.

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|----------------------------|---|
| Catalog number | BX-MRNA-UNMOD |
| Description | BioXp™ small-scale mRNA synthesis kit with unmodified 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.