

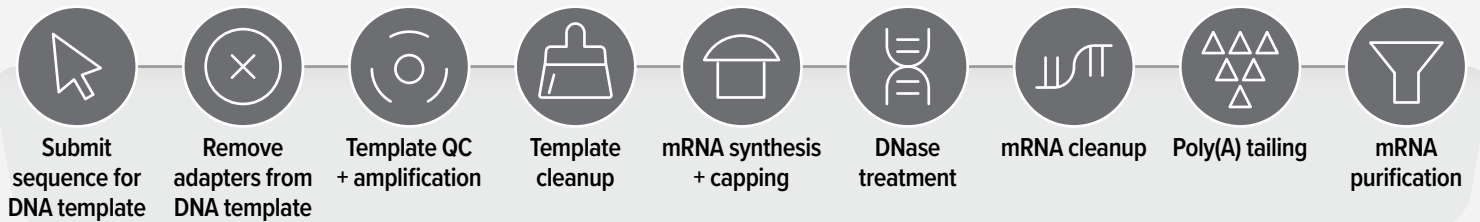
BioXp™ mRNA synthesis from Codex DNA

Sequence in, mRNA out — it's that simple.

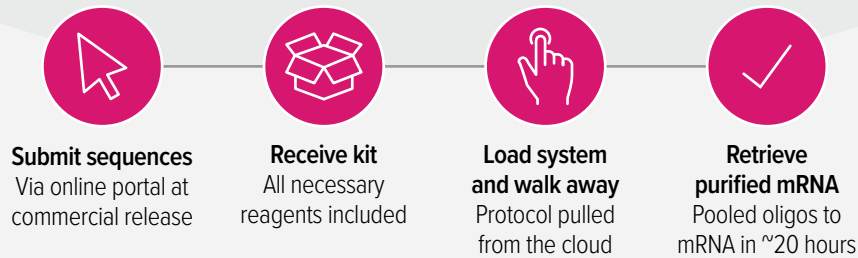
The BioXp™ platform provides an automated, end-to-end solution for generating biologically-active custom mRNA overnight, enabling you to perform rapid screening of multiple, custom mRNA variants on your schedule.

Going from sequence to biologically active, custom mRNA is no longer a lengthy and complex process — the BioXp™ system automates the end-to-end process, eliminating the risks and complexities of manual steps that require high skill capabilities and rigid protocols. In a single overnight run, obtain as many as 16 unique, biologically-active custom mRNA fragments.

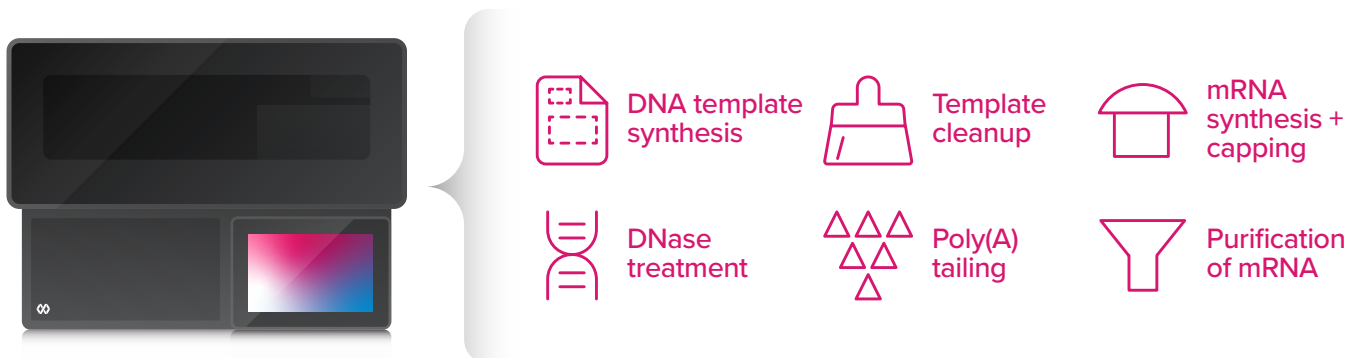
TRADITIONAL WORKFLOW | WEEKS TO MONTHS



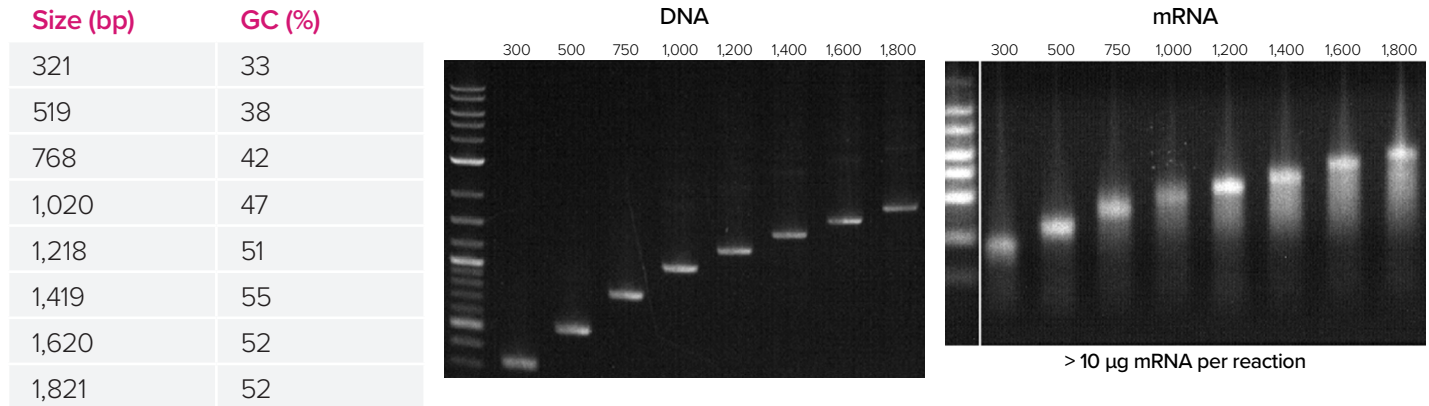
BIOXP™ WORKFLOW | DAYS



The BioXp™ system automates all steps of mRNA synthesis



BioXp™ mRNA synthesis provides high quality across the full range of mRNA sizes and sequence complexity



BioXp™ small-scale mRNA synthesis kit product specifications

Custom mRNA size	0.3–1.8 kb
Yield (length- and sequence-dependent)	1–10 µg
Features	5' ARCA cap; poly(A) tail (median: 150 As)
Modifications	Pseudouridine nucleoside (optional)
Throughput	8 or 16 samples per run
Classification	RUO reagents

Learn more about the BioXp™ system

The BioXp™ 3250 system provides hands-free, end-to-end automation of DNA assembly, cloning, amplification, and mRNA synthesis in a single overnight run.

The award-winning BioXp™ 3250 system accelerates the design-build-test phases of the product development cycle by enabling automated, rapid, high-throughput synthesis of genes, clones, variant libraries, and mRNA.

The BioXp™ system is designed to improve productivity, reduce turnaround time, increase throughput and scale, enhance quality, and enable complete workflow control for both synthetic DNA and mRNA formats.

Codex DNA, Inc. is accelerating advances in the fields of personalized medicine, biologics drug development, vaccine development, genome editing, and cell and gene therapy.



Visit codexdna.com to get started

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