

# The BioXp<sup>®</sup> Platform Applications

## On Your Schedule. In Your Lab.

### NGS LIBRARY PREP

- Minimize hands-on time with automated high throughput NGS library preparation.
- Transform 10 to 20 ng of purified plasmid or genomic DNA into sequencing-ready NGS libraries.

### GENE SYNTHESIS

- Make 96 error-corrected, De Novo synthetic gene fragments of up to 1.8 kb in length.

### VARIANT LIBRARY SYNTHESIS

- Build scanning or combinatorial variant libraries.
- Error-corrected libraries in less than 16 hours.

### mRNA SYNTHESIS

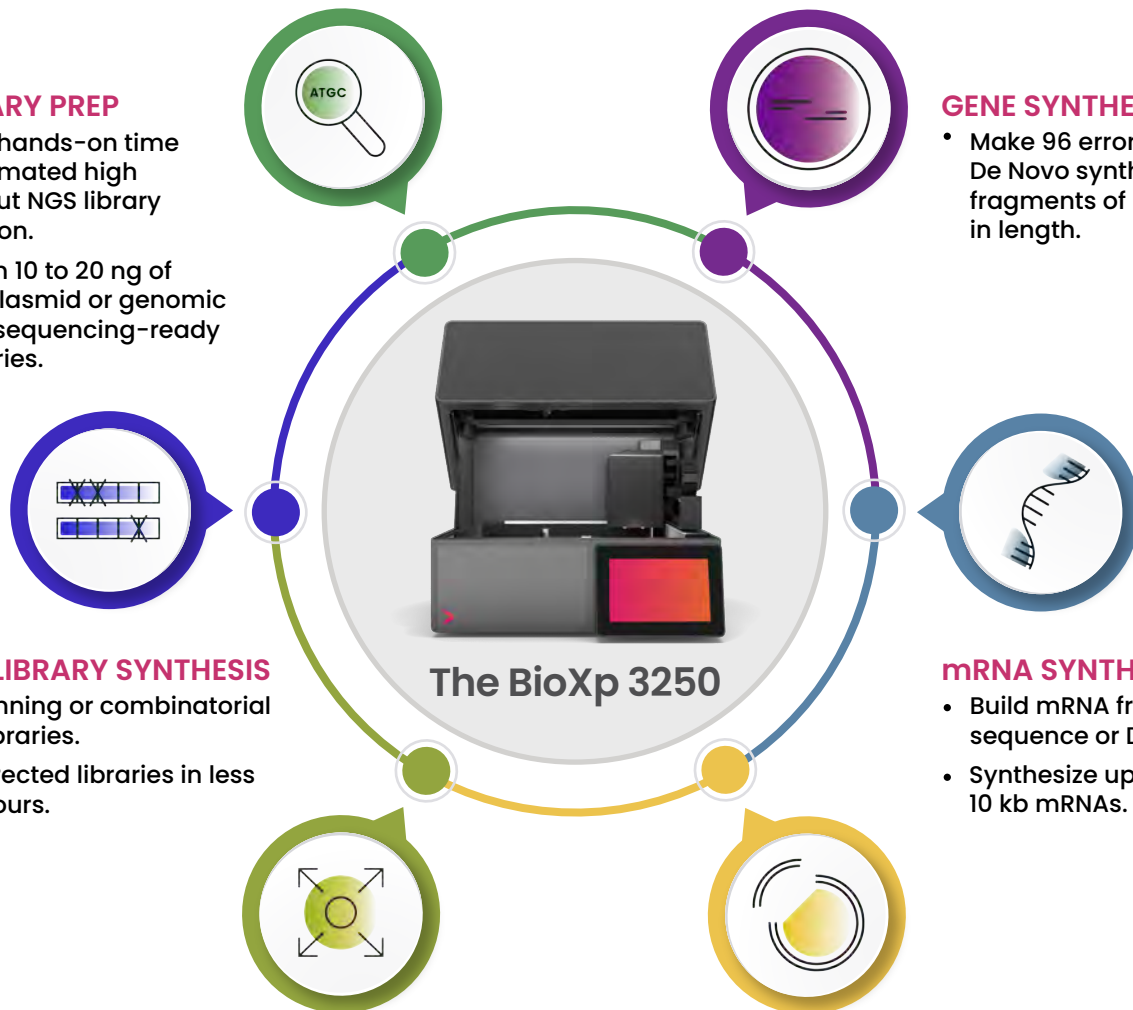
- Build mRNA from digital sequence or DNA template.
- Synthesize up to 48 unique 10 kb mRNAs.

### CELL-FREE DNA AMPLIFICATION

- Clone and amplify DNA to transfection scale from sequence, or existing DNA.
- Eliminates steps, skip bacterial prep with automated cell-free DNA amplification.

### DNA CLONING

- Build dsDNA plasmids from digital sequence or existing DNA fragments.
- Supports insert sizes of up to 24 kb in length.



Scan QR Code  
to learn more

# A Powerful and Versatile Platform for Accelerating Discovery

Telesis Bio's BioXp automation platform enables researchers to optimize efficiency of iterative discovery workflows through simple, robust and flexible workflow solutions. Whether you access our unique rapid mRNA synthesis solutions to streamline your cell therapy, vaccine screening, or transform your antibody hit-to-lead screening with our cell-free amplification solutions, we get you to functional screening in days enabling accelerated discovery timelines.

Our complete solution includes a load and start automation platform, comprehensive suite of easy-to-use kits and proprietary design ordering portal to guide your DNA or RNA build experience.

- Achieve high-throughput builds of DNA and mRNA in days regardless of complexity.
- Retain control of your IP and workflow timelines.
- Optimize efficiency of your skilled resources with simple, easy to use automation.

## Optimize workflow efficiency with our flexible workflow Solutions

**De Novo BioXp Kits:** Start your build from user-provided DNA sequences.



**Select or NGS BioXp Kits:** Start your build from existing user-provided DNA.

