

## CATALYSTS FOR YOUR INNOVATIONS

| Category   | Product                         | Description  |
|--|---------------------------------|--|
| <b>Precision Enzymes (engineered for demanding applications)</b>           |                                 |  |
| Reverse Transcriptases   | <b>StellarScript® HT+</b>       | Delivers best-in-class thermostability and inhibitor tolerance   |
|  | <b>StellarScript HT</b>         | Provides increased thermostability and inhibitor tolerance   |
|  | <b>StellarScript</b>            | Offers template switching and robust performance   |
| DNA Polymerases (DNAP)   | <b>StellarTaq™ DNAP</b>         | Combats inhibitors and provides fast amplification for qPCR applications   |
|  | <b>Equinox® Polymerase*</b>     | Yields excellent fidelity, uniform sequence coverage, and high-complexity PCR products   |
| <b>Core Enzymes (enzymes of broad utility manufactured to high purity)</b> |                                 |  |
| RNase Inhibitors   | <b>RNase Inhibitor</b>          | Protects RNA from degradation at temperatures ≤55°C  |
| DNA Polymerases (DNAP)   | <b>phi29 DNAP</b>               | Strong strand displacement activity and processivity for isothermal amplification with 3'→5' exonuclease activity                                      |
|  | <b>Taq DNAP</b>                 | Exhibits 5'→3' exonuclease activity, lacks 3'→5' exonuclease activity, and has strong terminal transferase activity to generate A-tailed products      |
|  | <b>T4 DNAP</b>                  | Exhibits 3'→5' exonuclease activity, lacks 5'→3' exonuclease activity, and forms blunted DNA ends by removing 3' overhangs and filling-in 5' overhangs |
|  | <b>DNAP I</b>                   | Exhibits both 3'→5' and 5'→3' exonuclease activity and performs nick translation and second strand synthesis   |
| Ligases  | <b>T4 DNA Ligase</b>            | Joins blunt and cohesive (sticky) ends and repairs single-stranded nicks   |
| Kinases  | <b>T4 Polynucleotide Kinase</b> | Prepares DNA for ligation through 5' phosphorylation and 3' dephosphorylation  |
| Recombinase Polymerase Amplification (RPA) Enzymes<br><i>Coming Soon!</i>  | <b>T4 UvsX Recombinase</b>      | Forms D-loop recombination structures for initiation of amplification  |
|  | <b>T4 UvsY Protein</b>          | Accessory protein to T4 UvsX Recombinase   |
|  | <b>Bsu DNAP, Large Fragment</b> | Displays strong strand displacement for isothermal amplification   |
|  | <b>T4 Gene 32 Protein</b>       | Assists isothermal amplification applications  |

\*2X and 4X mastermix formats

## CUSTOMIZATION MADE EASY

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We aim to make the customization process as painless as possible for our OEM partners. We view ourselves as an extension of your team and offer a variety of tailored services.



**Custom fills and formats**  
minimize waste and maximize  
your efficiency



**White glove support** and a  
dedicated project manager  
make customization seamless



**Tailored packaging  
and labeling** — including  
private label — designed to  
your unique specifications

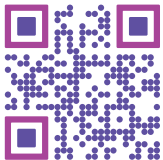


**Streamlined processes and  
flexible terms** enable fast  
turnaround times and serve  
organizations of all sizes

## OTHER ADVANTAGES OF PARTNERING WITH WATCHMAKER

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- Rigorous process development and functional testing ensure robust and reliable performance every time
- Proprietary approach to purification delivers highly active enzymes with stringent QC specs
- Lyophilization-friendly formulations available
- All products are developed and manufactured within an ISO 13485:2016-certified QMS
- Guaranteed minimum shelf-life
- Single-lot shipments



Contact [sales@watchmakergenomics.com](mailto:sales@watchmakergenomics.com)  
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