

**CATALYSTS FOR
YOUR INNOVATIONS**

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

*2X and 4X mastermix formats

CUSTOMIZATION MADE EASY

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



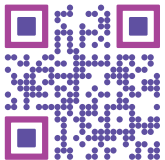
Tailored packaging and labeling – including private label – designed to your unique specifications



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

OTHER ADVANTAGES OF PARTNERING WITH WATCHMAKER

- 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 or visit watchmakergenomics.com/enzymes to learn more.

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