



Creative Enzymes

Diagnostic Enzymes

Rapid DNA Library Prep Kit, MGI-Compatible

Product Information

Cat#	Kit-056
Description	<p>This ultra-fast enzymatic DNA library preparation kit is optimized for MGI high-throughput sequencing platforms. It combines high library conversion efficiency with low background contamination and supports input DNA ranging from 100 pg to 100 ng from diverse sample sources.</p> <p>Adapter-ligated products do not require purification, further simplifying the workflow and reducing total library preparation time to approximately 1.5 hours per sample. All reagents undergo stringent background nucleic acid control and functional validation, ensuring robust library construction and reliable results for pathogen detection and other sensitive applications.</p>
Applications	Pathogen metagenomic sequencing; mNGS-based pathogen detection.
Product Overview	<p>Simplified workflow: Reduced manual operations lower the risk of handling errors.</p> <p>Shortened library preparation time: Saves ~30 minutes per sample and over 1 hour for 96 samples.</p> <p>Reduced bead consumption: Saves 60 µL of beads per sample and nearly 6 mL for 96 samples.</p>
Package	24 rxns

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