



Creative Enzymes

Diagnostic Enzymes

Multi-PCR Module, Version III

Product Information

Cat#	DIA-552
Description	This multiplex amplification reagent is developed based on ultra-high-multiplex PCR technology and is suitable for amplification of genomic DNA, FFPE-derived DNA, cfDNA, and other templates with input amounts ranging from 1 to 100 ng. The optimized formulation integrates enzymes, dNTPs, and reaction buffers required for multiplex amplification, reducing pipetting steps and improving experimental consistency. Compared with previous-generation products, this reagent provides significantly improved amplification uniformity across different panels and delivers robust performance across a wide range of input amounts and customized panel designs. It supports customized panels of up to 7,000 targets and enables rapid, high-quality ultra-multiplex PCR amplification, with products suitable for downstream targeted amplicon library preparation. All components are subject to strict quality control and functional validation to ensure high stability and reproducibility.
Storage	-30 – -15 °C
Applications	Ultra-multiplex amplification; targeted sequencing; gene function studies.
Product Overview	High multiplexing: Supports up to 7,000-plex custom panels. High yield: Efficient library output across a wide input range (1–100 ng), exceeding comparable products. High uniformity: Optimized multiplex reagents improve amplification uniformity.
Package	24 rxns 4x Multi-PCR Mix: 120 µL

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