

AmpSeq Multi-PCR Module V3

Product Information

Cat#	DIA-552
Description	<p>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.</p>
Storage	-30 °C to -15 °C
Applications	Ultra-multiplex amplification; targeted sequencing; gene function studies.
Product Overview	<p>High multiplexing: Supports up to 7,000-plex custom panels.</p> <p>High yield: Efficient library output across a wide input range (1–100 ng), exceeding comparable products.</p> <p>High uniformity: Optimized multiplex reagents improve amplification uniformity.</p>
Package	<p>24 rxns</p> <p>4x Multi-PCR Mix: 120 µL</p>