

Universal Pro DNA Library Prep Kit for MGI

Product Information

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| Cat# | Kit-069 |
| Description | Optimized for MGI sequencing platforms, this kit includes a DNA repair module for FFPE samples and supports input DNA from 100 pg–1 µg. The kit repairs FFPE-induced DNA damage without affecting normal DNA library quality. Enhanced end-repair, ligation, and amplification modules improve library conversion and yield. It is suitable for diverse sample types and compatible with targeted capture workflows. Reagents are strictly quality-controlled to ensure consistent and reproducible library preparation. |
| Storage | -30 °C to -15 °C |
| Applications | Whole-genome sequencing; whole-exome or other targeted capture sequencing; amplicon sequencing; metagenomic sequencing; methylation sequencing. |
| Product Overview | <p>Efficient DNA damage repair: Effectively repairs base damage, nicks, gaps, and 3'-end blocking lesions.</p> <p>High library construction efficiency: Improved library conversion efficiency and amplification yield.</p> <p>Broad template compatibility: Compatible with gDNA, FFPE DNA, cfDNA, amplicons, and other sample types.</p> <p>Robust performance across sample quality: Excellent performance on FFPE DNA with varying DIN values.</p> <p>Short library preparation time: Single library preparation completed within 90 minutes.</p> |
| Package | 24 rxns DNA Dimage Repair Enzyme: 48 µL End Prep Buffer: 240 µL End Prep Enzyme: 120 µL Rapid Ligation Buffer 2: 600 µL Rapid DNA Ligase: 120 µL HiFi Amplification Mix: 600 µL |



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PCR Primer Mix 3 for MGI: 120 μ L

Control DNA (264 bp, 50 ng/ μ L): 10 μ L

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