

Universal Plus DNA Library Prep Kit V4

Product Information

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| Cat# | Kit-067 |
| Description | This enzymatic fragmentation-based DNA library kit is designed for next-generation sequencing platforms and integrates DNA fragmentation, end-repair, and dA-tailing into a single step. The product requires no purification before adapter ligation, library enrichment, and size selection. It supports 1 ng–1 µg input DNA and is compatible with various sources and template amounts. Fragment size can be adjusted by incubation time according to target insert size. Rigorous quality control ensures library consistency and reproducibility. |
| Storage | -30 °C to -15 °C |
| Applications | PCR and PCR-free library construction; whole-genome sequencing; whole-exome or other targeted capture sequencing. |
| Product Overview | <p>High impurity tolerance: Enhanced resistance to contaminants such as high pH and EDTA.</p> <p>Broad species compatibility: Supports multiple species, enabling a unified workflow and efficient application.</p> <p>Improved library uniformity: Enhances coverage of high-GC regions and optimizes library evenness.</p> |
| Package | <p>24 rxns</p> <p>FEA Buffer V4: 120 µL</p> <p>FEA Enzyme Mix V4: 240 µL</p> <p>Rapid Ligation Buffer V4: 600 µL</p> <p>Rapid DNA Ligase V4: 120 µL</p> <p>Ultra Amplification Mix: 600 µL</p> <p>PCR Primer Mix for Illumina: 120 µL</p> <p>PCR Primer Mix for MGI: 120 µL</p> |