

Universal DNA Library Prep Kit for Ion Torrent V2

Product Information

Cat#	Kit-061
Description	Optimized for Ion Torrent sequencing platforms, this kit converts 5 ng–1 µg input DNA into platform-specific libraries. Upgrades to end-repair, ligation, and amplification modules significantly improve library conversion and amplification yield. It supports both PCR and PCR-free workflows, is compatible with targeted capture, and all reagents are quality-controlled and functionally validated to ensure reliable library construction.
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	Simple and rapid workflow: Hands-on time per sample is as short as 2 hours and 40 minutes. Excellent performance: Broad compatibility with template types and input amounts, high stability, and high library yield. Reliable sequencing data: Sequencing QC metrics meet requirements, ensuring high-quality data output.
Package	24 rxns End Prep Enzyme: 120 µL End Prep Buffer: 240 µL Rapid Ligation Buffer 2: 600 µL Ligase Enzyme Mix 2: 24 µL Amplification Mix 3: 600 µL PCR Primer Mix for Ion Torrent: 120 µL Control DNA (264 bp, 50 ng/µL): 10 µL