Universal DNA Library Prep Kit for MGI

Product Information

Cat#	Kit-062
Description	This kit is optimized for MGI high-throughput sequencing platforms and supports 100 pg–4 µg input DNA. Enhancements to end-repair, ligation, and library amplification modules increase library conversion efficiency and amplification yield. It is broadly applicable to PCR library preparation workflows and ensures stable and reproducible library construction through stringent quality control of all reagents.
Storage	-30 °C to -15 °C
Applications	Whole-genome sequencing; amplicon sequencing; chromatin immunoprecipitation sequencing (ChIP-seq); metagenomic sequencing; methylation sequencing; 16S rDNA sequencing; targeted sequencing.
Product Overview	Shorter library preparation time: Single library preparation completed in as little as 75 minutes.
	Higher adapter ligation efficiency: Results in improved library conversion rates.
	Simplified and fast workflow: Pre-mixed reagents minimize hands-on steps and reduce operational errors.
	Wide input DNA compatibility: Supports starting DNA inputs from 100 pg to 4 µg.
	Broad sample compatibility: Suitable for fragmented DNA, cfDNA, FFPE DNA, ChIP DNA, and more.
Package	24 rxns
	End Prep Mix 4: 360 µL
	Rapid Ligation Buffer 2: 600 µL
	Rapid DNA Ligase: 120 µL
	HiFi Amplification Mix: 600 µL
	PCR Primer Mix for MG: 120 µL
	Control DNA (264 bp, 50 ng/µL): 10 µL