



Creative Enzymes

Diagnostic Enzymes

Broad-Spectrum Adapter Ligation Module, Illumina-Compatible

Product Information

Cat#	DIA-564
Description	<p>This adapter ligation module is optimized for Illumina sequencing library construction. It efficiently ligates adapters with 3' dT overhangs to DNA fragments carrying 5' phosphate groups and 3' dA overhangs.</p> <p>The module features a single-tube workflow. DNA fragments processed by the compatible end preparation module can be directly ligated without additional purification steps, significantly reducing input DNA requirements and overall workflow time.</p> <p>All reagents included in the kit are subjected to strict quality control and functional validation to ensure high ligation efficiency, stability, and reproducibility.</p>
Storage	-20 °C
Applications	Adapter ligation; efficient ligation of adapters with dT overhangs to end-repaired DNA fragments.
Product Overview	<p>Efficient ligation.</p> <p>No purification required: Ligation performed directly on dA-tailing products.</p> <p>Wide DNA input compatibility: Supports 100 pg–1 µg DNA.</p>
Package	<p>24 rxns</p> <p>Rapid Ligation Buffer: 600 µL</p> <p>Rapid DNA Ligase: 120 µL</p>