



Creative Enzymes

Diagnostic Enzymes

2× Fragmentation & Priming Buffer II

Product Information

Cat#	DIA-551
Description	This RNA fragmentation reagent is designed for use in transcriptome library preparation workflows. Under elevated temperature conditions, RNA is randomly fragmented into short fragments through Mg^{2+} -mediated hydrolysis, with fragment size controlled by incubation time. This reagent is intended as a replacement fragmentation buffer within compatible RNA-seq library preparation systems and supports flexible and controlled RNA fragmentation prior to downstream library construction.
Storage	-30 – -15 °C
Applications	<p>Frag/Prime Buffer II is compatible with the Universal V10 RNA-seq Library Prep Kit for Illumina for library construction.</p> <p>Compared with the Frag/Prime Buffer 2 supplied with the kit, this product is primarily suitable for:</p> <ol style="list-style-type: none">(1) Fragmentation of input RNA (total RNA, purified mRNA, or rRNA-depleted RNA) dissolved in nuclease-free ddH₂O;(2) Input RNA samples dissolved in nuclease-free ddH₂O that have been fragmented by other methods..
Product Overview	Increased flexibility and monitoring in the library preparation workflow. Ensures reliable library quality.
Package	960 µL