

# Hieff NGS™ RNA Lib Prep Primer Mix for Illumina™

## Product description

Hieff NGS™ RNA Lib Prep Primer Mix for Illumina™ is a special primer mix for Illumina sequencing platform RNA transcriptome library construction, and it works with Hieff NGS™ Ultima Dual-mode mRNA Library Prep Kit (Cat#12309) or Hieff NGS™ Ultima Dual-mode RNA Library Prep Kit (Cat#12308) and Complete Adapter for Illumina™ (Cat#13519-13520 or other equivalent products).

## Specifications

RNA library or mRNA library	Optional
Strand?	Optional
Total RNA input amount	10 ng-4 μg
Library preparation total time (hr)	~5h
Instrument compatibility	Illumina Platforms
Recommended application	Gene expression

## Components

Components No.	Name	13335ES24	13335ES96
13335ES	Hieff NGS™ RNA Lib Prep Primer Mix for Illumina™	120 μL	480 μL

## Storage

This product should be stored at -25~-15°C for 18 months.

## Instructions

Prepare the reaction system according to the kit of Hieff NGS™ Ultima Dual-mode mRNA Library Prep Kit (Cat#12309) or Hieff NGS™ Ultima Dual-mode RNA Library Prep Kit (Cat#12308).

Components	Volume (μL)
2× Super Canace™ II High-Fidelity Mix	25
Hieff NGS™ RNA Lib Prep Primer Mix for Illumina™	5
Adapter Ligated DNA	20

## Notes

1. For your safety and health, please wear personal protective equipment (PPE), such as laboratory coats and disposable gloves, when operating with this product. This product is for research use ONLY!
2. Thaw components at room temperature. Mix thoroughly by inverting up and down several times, spin down briefly and place on ice for use.

3. It is recommended to perform each step reaction in a thermal cycler with a heated lid. The thermal cycler should be preheated to the set temperature prior to use.
4. Supplies free of RNase contamination and cleaning the experimental area regularly are necessary.
5. Improper operations may very likely cause aerosol contaminations, impacting the accuracy of result. Mandatory physical isolation of PCR reaction mixing regions and PCR product purification assay regions is recommended. Equipped with equipment such as specialized pipettes for library construction.