NGS DNA Library Prep Primer Mix for Illumina

Cat.No.: HYD313

Product Description

NGS DNA Library Prep Primer Mix for Illumina is a special kit designed for DNA library preparation of Illumina platforms, using with Complete Adapter for Illumina or other equivalent products. All the reagents provided in the kit are subjected strict quality control and functional verification to ensure the stability and repeatability of the library preparation.

Components

Components	24T	96T
NGS DNA Library Prep Primer Mix for Illumina	120 μL	480 μL

Storage

Store at -25 ~ -15 ℃ for 1 year.

Instructions

Components	Volume
2×Ultra HiFi Mix for Library Amplification	25 μL
NGS DNA Library Prep Primer Mix for Illumina	5 μL
Adapter Ligated DNA	20 μL

According to the library preparation manual prepare the reaction system (as shown in the table) and set the procedure.

Notes

1. For your safety and health, please wear lab coats and disposable gloves for operation.
2. Thaw components at room temperature. After thawing, mix thoroughly by vortexing, spin the tube briefly and place them on ice for later use.
3. It is recommended to pipette or gently shake during the reaction solution preparation of each step. Vigorous shaking may cause a decrease in library output.

4. It is highly recommended to use filtered pipet tips to avoid cross-contamination. Be sure to change pipet tips when processing different samples.
5. It is recommended to perform each reaction step in a thermocycler with a heated lid. The thermocycler should be preheated to the set temperature before use.
6. Improper operations may very likely cause carry-over contaminations through aerosols, impacting the experiments accuracy. It is highly recommended to divide the experiment environment into the pre-PCR and post-PCR regions, with separate sets of devices and disposables in each area. Perform routine cleaning for each area by wiping the surfaces with 0.5% sodium hypochlorite or 10% bleach.
7. For Research Use Only.