NGS Complete Adapter Kit for MGI, Set1(16 barcode)

Cat.No.: HYD315

Product Description

NGS Complete Adapter Kit for MGI is the special kit for high-throughput DNA library preparation for MGI. Set 1 contains 16 kinds of barcode (adapter 57-72); Set 2 contains 96 kinds of barcode. All the reagents provided in the kit are subjected strict quality control and functional verification to ensure the maximum stability and repeatability of the library preparation.

Components

Cat.No.	Components	16×2 T	16×4 T
HYD315	16 barcode	10 μL each	20 μL each
Cat.No.	**Components**	**96×2 T**	**96×4 T**
HYD316	96 barcode	10 μL each	20 μL each

Storage

Store at -25 ~ -15℃ for 2 years.

Notes

1. The concentration of DNA adapters in these kits is 10 μM
2. Do not heat the adapters. They should be dissolved slowly at room temperature. It is best to set the laboratory temperature at 20-25℃. Avoid repeated freezing and thawing of the adapters. It is recommended to store them in separate packs. The adapters can be stored at 4℃ for a short time.
3. There are 96 barcodes at most for MGI adapters. When 96 barcode products are used for library preparation and sequencing, the selection of barcodes shall be operated according to the combination recommended by MGI. See the use method for specific specifications.
4. For your safety and health, please wear experimental clothes and disposable gloves.
5. For research use only.

Sequence information

1. DNA Adapter

Barcode Adapter：

5’-phos-AGTCGGAGGCCAAGCGGTCTTAGGAAGACAAXXXXXXXXXXCAACTCCTTGGCTCACA-3’

Bottom Adapter：

5’-TTGTCTTCCTAAGGAACGACATGGCTACGATCCGACTT-3’

Before sequencing, just enter the barcode sequence (10 bp) in the sample sheet.

2. Barcodecombination rules

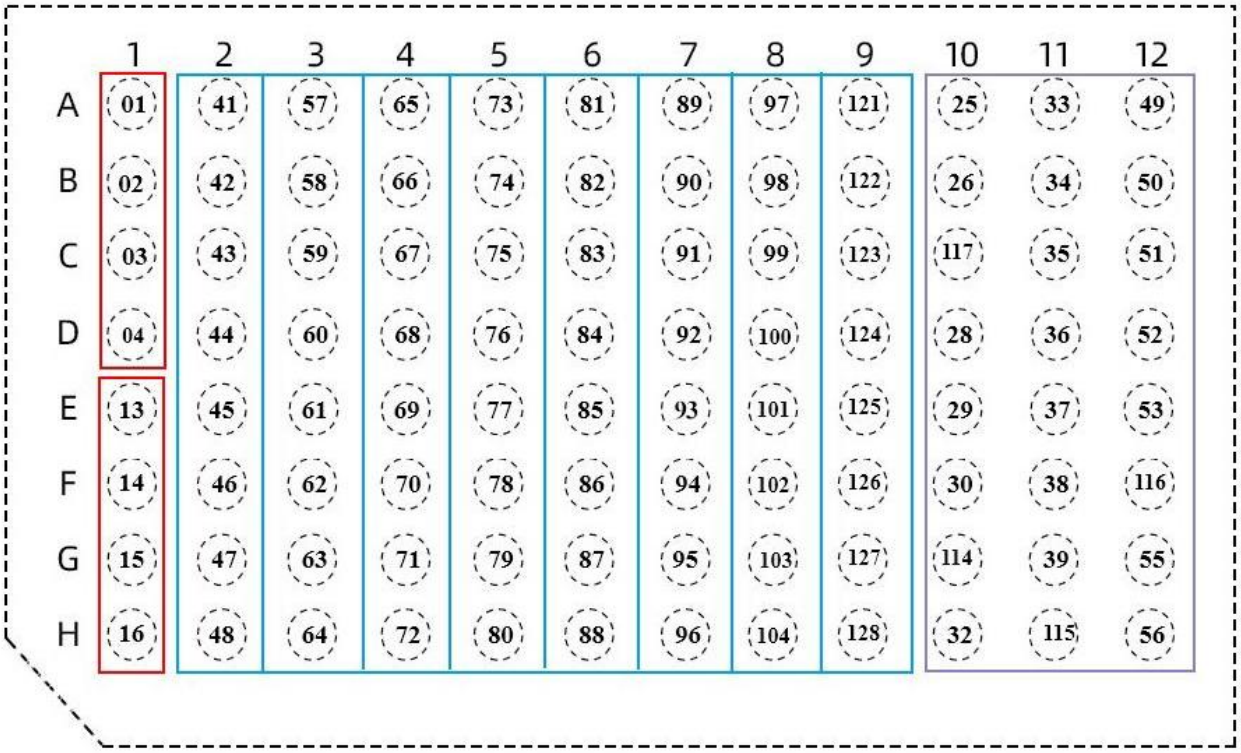


Figure 1 . 96 kinds of MGI barcodegroup rules