

VAHTS RNA Adapters Set 1 - Set 2 for Illumina

N803/N804

Version 22.1



Product Description

VAHTS RNA Adapters Set 1 - Set 2 for Illumina are two special kits designed for RNA library preparation for Illumina platforms. The Set 1 (Vazyme #N803) contains 12 kinds of different Index Adapters (RNA Adapter 1 - 12). The Set 2 (Vazyme #N804) contains another 12 kinds of different Index Adapters (RNA Adapter 13 - 27). All the Adapters provided in the kit have undergone rigorous quality control and functional validation to ensure the optimal stability and repeatability of library preparation.

Components

Components	N803-01	N803-02
RNA Adapter 1	10 μ l	40 μ l
RNA Adapter 2	10 μ l	40 μ l
RNA Adapter 3	10 μ l	40 μ l
RNA Adapter 4	10 μ l	40 μ l
RNA Adapter 5	10 μ l	40 μ l
RNA Adapter 6	10 μ l	40 μ l
RNA Adapter 7	10 μ l	40 μ l
RNA Adapter 8	10 μ l	40 μ l
RNA Adapter 9	10 μ l	40 μ l
RNA Adapter 10	10 μ l	40 μ l
RNA Adapter 11	10 μ l	40 μ l
RNA Adapter 12	10 μ l	40 μ l

Components	N804-01	N804-02
RNA Adapter 13	10 μ l	40 μ l
RNA Adapter 14	10 μ l	40 μ l
RNA Adapter 15	10 μ l	40 μ l
RNA Adapter 16	10 μ l	40 μ l
RNA Adapter 18	10 μ l	40 μ l
RNA Adapter 19	10 μ l	40 μ l
RNA Adapter 20	10 μ l	40 μ l
RNA Adapter 21	10 μ l	40 μ l
RNA Adapter 22	10 μ l	40 μ l
RNA Adapter 23	10 μ l	40 μ l
RNA Adapter 25	10 μ l	40 μ l
RNA Adapter 27	10 μ l	40 μ l

Storage

Store at -30 ~ -15°C and transport at \leq 0°C.

Applications

Compatible for VAHTS Universal RNA Library Kit for Illumina (Vazyme #NR series).

Notes

For research use only. Not for use in diagnostic procedures.

1. The usage amount of Adapter need be adjusted according to the amount of Input RNA.
2. The RNA Adapter of different brands have different concentrations. Should be careful with the input amount when using this kit on RNA library preparation kits from other brands.



Library Structure and Sequences

The structure of libraries prepared with VAHTS RNA Adapter Set 1 - Set 2 for Illumina is as follows:

5' - **Universal Adapter** - Insert DNA Sequence - **RNA Adapter X** - 3'

Each RNA Adapter contains a Universal Adapter and provides an Index that can be used to distinguish between different samples for high-throughput sequencing. The related sequences are as follows:

Name	Index Sequence	Name	Index Sequence
RNA Adapter 1	ATCACG	RNA Adapter 13	AGTCAA
RNA Adapter 2	CGATGT	RNA Adapter 14	AGTTCC
RNA Adapter 3	TTAGGC	RNA Adapter 15	ATGTCA
RNA Adapter 4	TGACCA	RNA Adapter 16	CCGTCC
RNA Adapter 5	ACAGTG	RNA Adapter 18	GTCCGC
RNA Adapter 6	GCCAAT	RNA Adapter 19	GTGAAA
RNA Adapter 7	CAGATC	RNA Adapter 20	GTGGCC
RNA Adapter 8	ACTTGA	RNA Adapter 21	GTTTCG
RNA Adapter 9	GATCAG	RNA Adapter 22	CGTACG
RNA Adapter 10	TAGCTT	RNA Adapter 23	GAGTGG
RNA Adapter 11	GGCTAC	RNA Adapter 25	ACTGAT
RNA Adapter 12	CTTGTA	RNA Adapter 27	ATTCCT

