

VAHTS DNA Adapters Set 3 - Set 6 for Illumina

N805/N806/N807/N808

Version 22.1



Product Description

VAHTS DNA Adapters Set 3 - Set 6 for Illumina are four special kits designed for DNA library preparation for Illumina platforms. The Set 3 (Vazyme #N805) contains 24 kinds of indexed Adapters (DNA Adapter from 96-01 to 96-24). The Set 4 (Vazyme #N806) contains 24 kinds of indexed Adapters (DNA Adapter from 96-25 to 96-48); The Set 5 (Vazyme #N807) contains 24 kinds of indexed Adapters (DNA Adapter from 96-49 to 96-72); The Set 6 (Vazyme #N808) contains 24 kinds of indexed Adapters (DNA Adapter from 96-73 to 96-96). 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	N805	N806	N807	N808
From DNA Adapter 96-01 to DNA Adapter 96-24 (24 kinds)	20 μ l each	—	—	—
From DNA Adapter 96-25 to DNA Adapter 96-48 (24 kinds)	—	20 μ l each	—	—
From DNA Adapter 96-49 to DNA Adapter 96-72 (24 kinds)	—	—	20 μ l each	—
From DNA Adapter 96-73 to DNA Adapter 96-96 (24 kinds)	—	—	—	20 μ l each

Storage

Store at -30 ~ -15°C and transport at $\leq 0^{\circ}\text{C}$.

Applications

Compatible for VAHTS Universal DNA Library Kit for Illumina (Vazyme #ND 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 DNA.
2. The DNA Adapter of different brands have different concentrations. Should be careful with the input amount when using this kit on DNA library preparation kits from other brands.



Vazyme

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Library Structure and Sequences

The structure of libraries prepared with VAHTS DNA Adapter Set 3 - Set 6 for Illumina is as follows:

5' - **Universal Adapter** - Insert DNA Sequence - **DNA Adapter 96-X** - 3'

Each DNA 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:

N805	Index	N806	Index	N807	Index	N808	Index
DNA Adapter 96-01	AACGTGAT	DNA Adapter 96-25	AGATCGCA	DNA Adapter 96-49	GATAGACA	DNA Adapter 96-73	AATGTTGC
DNA Adapter 96-02	AAACATCG	DNA Adapter 96-26	AGCAGGAA	DNA Adapter 96-50	GCCACATA	DNA Adapter 96-74	ACACGACC
DNA Adapter 96-03	ATGCCTAA	DNA Adapter 96-27	AGTCACTA	DNA Adapter 96-51	GCGAGTAA	DNA Adapter 96-75	ACAGATTC
DNA Adapter 96-04	AGTGGTCA	DNA Adapter 96-28	ATCCTGTA	DNA Adapter 96-52	GCTAACGA	DNA Adapter 96-76	AGATGTAC
DNA Adapter 96-05	ACCACTGT	DNA Adapter 96-29	ATTGAGGA	DNA Adapter 96-53	GCTCGGTA	DNA Adapter 96-77	AGCACCTC
DNA Adapter 96-06	ACATTGGC	DNA Adapter 96-30	CAACCACA	DNA Adapter 96-54	GGAGAACA	DNA Adapter 96-78	AGCCATGC
DNA Adapter 96-07	CAGATCTG	DNA Adapter 96-31	GACTAGTA	DNA Adapter 96-55	GGTGCGAA	DNA Adapter 96-79	AGGCTAAC
DNA Adapter 96-08	CATCAAGT	DNA Adapter 96-32	CAATGGAA	DNA Adapter 96-56	GTACGCAA	DNA Adapter 96-80	ATAGCGAC
DNA Adapter 96-09	CGCTGATC	DNA Adapter 96-33	CACTTCGA	DNA Adapter 96-57	GTCGTAGA	DNA Adapter 96-81	ATCATTCC
DNA Adapter 96-10	ACAAGCTA	DNA Adapter 96-34	CAGCGTTA	DNA Adapter 96-58	GTCTGTCA	DNA Adapter 96-82	ATTGGCTC
DNA Adapter 96-11	CTGTAGCC	DNA Adapter 96-35	CATACCAA	DNA Adapter 96-59	GTGTTCTA	DNA Adapter 96-83	CAAGGAGC
DNA Adapter 96-12	AGTACAAG	DNA Adapter 96-36	CCAGTTCA	DNA Adapter 96-60	TAGGATGA	DNA Adapter 96-84	CACCTTAC
DNA Adapter 96-13	AACAACCA	DNA Adapter 96-37	CCGAAGTA	DNA Adapter 96-61	TATCAGCA	DNA Adapter 96-85	CCATCCTC
DNA Adapter 96-14	AACCGAGA	DNA Adapter 96-38	CCGTGAGA	DNA Adapter 96-62	TCCGTCTA	DNA Adapter 96-86	CCGACAAC
DNA Adapter 96-15	AACGCTTA	DNA Adapter 96-39	CCTCCTGA	DNA Adapter 96-63	TCTTCACA	DNA Adapter 96-87	CCTAATCC
DNA Adapter 96-16	AAGACGGA	DNA Adapter 96-40	CGAACTTA	DNA Adapter 96-64	TGAAGAGA	DNA Adapter 96-88	CCTCTATC
DNA Adapter 96-17	AAGGTACA	DNA Adapter 96-41	CGACTGGA	DNA Adapter 96-65	TGGAACAA	DNA Adapter 96-89	CGACACAC
DNA Adapter 96-18	ACACAGAA	DNA Adapter 96-42	CGCATACA	DNA Adapter 96-66	TGGCTTCA	DNA Adapter 96-90	CGGATTGC
DNA Adapter 96-19	ACAGCAGA	DNA Adapter 96-43	CTCAATGA	DNA Adapter 96-67	TGGTGGTA	DNA Adapter 96-91	CTAAGGTC
DNA Adapter 96-20	ACCTCCAA	DNA Adapter 96-44	CTGAGCCA	DNA Adapter 96-68	TTCACGCA	DNA Adapter 96-92	GAACAGGC
DNA Adapter 96-21	ACGCTCGA	DNA Adapter 96-45	CTGGCATA	DNA Adapter 96-69	AACTCACC	DNA Adapter 96-93	GACAGTGC
DNA Adapter 96-22	ACGTATCA	DNA Adapter 96-46	GAATCTGA	DNA Adapter 96-70	AAGAGATC	DNA Adapter 96-94	GAGTTAGC
DNA Adapter 96-23	ACTATGCA	DNA Adapter 96-47	CAAGACTA	DNA Adapter 96-71	AAGGACAC	DNA Adapter 96-95	GATGAATC
DNA Adapter 96-24	AGAGTCAA	DNA Adapter 96-48	GAGCTGAA	DNA Adapter 96-72	AATCCGTC	DNA Adapter 96-96	GCCAAGAC

