

VAHTS Small RNA Index Primer Kit for Illumina®

N813/N814/N815/N816



Version 8.1

Vazyme biotech co., ltd.

Introduction

VAHTS Small RNA Index Primer Kit for Illumina are specially designed for matching VAHTS Small RNA Library Prep Kit for Illumina (vazyme#NR801). The kit contains one kind of Universal Primer and 48 kinds of various small RNA Index Primer, which can be applied to 48 kinds of single-index small RNA library preparation. The reagents provided are all tested by rigid quality control test and function assay, maximally ensuring the stability and repetitiveness of library construction.

Components

Components	N813	N814	N815	N816
Universal Primer	120 µl	120 µl	120 µl	120 µl
Index 1 Primer -Index 12 Primer(12 kinds)	10 µl	----	----	----
Index 13 Primer -Index 24 Primer(12 kinds)	----	10 µl	----	----
Index 25 Primer -Index 36 Primer(12 kinds)	----	----	10 µl	----
Index 37 Primer - Index 48 Primer(12 kinds)	----	----	----	10 µl

The usage amount of each small RNA library Index Primer is 2.5 µl. Each kind of Index Primer package can construct 4 kinds of small RNA libraries. The whole kit can construct 48 kinds of small RNA libraries in all.

Storage

All the components should be stored at -20°C.

Additional Material Required

VAHTS Small RNA Library Prep Kit for Illumina (Vazyme#NR801)

Sequence Information

The corresponding sequences of small RNA Index are as follows:

Index code	Index sequence	Index code	Index sequence	Index code	Index sequence	Index code	Index sequence
Index 1	A T C A C G	Index 13	A G T C A A	Index 25	A C T G A T	Index 37	C G G A A T
Index 2	C G A T G T	Index 14	A G T T C C	Index 26	A T G A G C	Index 38	C T A G C T
Index 3	T T A G G C	Index 15	A T G T C A	Index 27	A T T C C T	Index 39	C T A T A C
Index 4	T G A C C A	Index 16	C C G T C C	Index 28	C A A A A G	Index 40	C T C A G A
Index 5	A C A G T G	Index 17	G T A G A G	Index 29	C A A C T A	Index 41	G A C G A C
Index 6	G C C A A T	Index 18	G T C C G C	Index 30	C A C C G G	Index 42	T A A T C G
Index 7	C A G A T C	Index 19	G T G A A A	Index 31	C A C G A T	Index 43	T A C A G C
Index 8	A C T T G A	Index 20	G T G G C C	Index 32	C A C T C A	Index 44	T A T A A T
Index 9	G A T C A G	Index 21	G T T T C G	Index 33	C A G G C G	Index 45	T C A T T C
Index 10	T A G C T T	Index 22	C G T A C G	Index 34	C A T G G C	Index 46	T C C C G A
Index 11	G G C T A C	Index 23	G A G T G G	Index 35	C A T T T T	Index 47	T C G A A G
Index 12	C T T G T A	Index 24	G G T A G C	Index 36	C C A A C A	Index 48	T C G G C A

The structure of libraries prepared with VAHTS Small RNA Library Prep Kit for Illumina is as follows:

AATGATACGGCGACCACCGAGATCTACACGTTCTAGAGTTCTACAGTCCGACGATC—Insert—AGATCGGAAGAGCACACGTCTGAAC
TCCAGTCACIIIIIIATCTCGTATGCCGTCTTCTGCTTG

Index

▲ the Index is exactly the Index sequence in above table.



ISO 9001: 2015



Vazyme Biotech Co., Ltd.
www.vazyme.com

Order: global@vazyme.com Support: support@vazyme.com
For research use only, not for use in diagnostic procedures.