



# Small RNA Adapter Module 96 Index for Illumina®

RK20357 MiniSet (8 indices)

RK20358 MidiSet (24 indices)

RK20359 Set\_A (48 indices)

RK20360 Set\_B (48 indices)



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# 1. Product Overview

The Small RNA Adapter Module 96 Index for Illumina is a small RNA library preparation kit compatible with the Illumina high-throughput sequencing platform.

The Small RNA Adapter Module 96 Index for Illumina should be used with the small RNA-seq library preparation kit for library amplification. It contains the sRNA Universal PCR Primer and index primer and can be used during PCR to obtain a small RNA-seq library with an intact structure. All reagents provided in the kit have undergone strict quality control and function validation to ensure the stability and repeatability of library preparation.

## 2. Kit Components

	Component	RK20357 (8 rxns)	RK20358 (24 rxns)	RK20359 (48 rxns)	RK20360 (48 rxns)
●	sRNA Universal Primer	20 µL	60 µL	120 µL	120 µL
○	PCR Index 1-8	2.5 µL each	2.5 µL each	2.5 µL each	-
○	PCR Index 9-24	-	2.5 µL each	2.5 µL each	-
○	PCR Index 25-48	-	-	2.5 µL each	-
○	PCR Index 49-96	-	-	-	2.5 µL each

Component concentration: 20 µM for sRNA Universal Primer; 20 µM for each PCR Index.

### 3. Storage

-20°C for 1 year.

### 4. Scope of Application

Small RNA Lib Prep series kits.

### 5. Precautions

1. The kit is an adapter product applicable to small RNA library preparation. The adapters (contained in the library preparation kit) are ligated during small RNA library preparation. During PCR, the kit is used with sRNA Universal Primer and PCR Index to enrich small RNA libraries with an intact structure.
2. The reagents stored at -20°C need to be fully dissolved, shaken well, and instantaneously centrifuged prior to use.

### 6. Sequence Information

#### sRNA Universal Primer

5' -

AATGATACGGCGACCACCGAGATCTACACGTTTCAGAGTTCTACAGTC  
CGA-3'

#### PCR Index XX

5' -

Spc/C\*A\*A\*GCAGAAGACGGCATACTGAGATXXXXXXXXXXGTGACTGGAG  
TTCAGACG TGTGCTCTTCCGA\*T\*C\*T-3'

Note: XXXXXXXXX is the base sequence of an index.

**Small RNA Adapter Module 96 Index for Illumina MiniSet (8 indices)  
(RK20357)**

<b>sRNA Index Primer Name</b>	<b>Index</b>
PCR Index 1	TTACCGAC
PCR Index 2	AGTGACCT
PCR Index 3	TCGGATTC
PCR Index 4	CAAGGTAC
PCR Index 5	TCCTCATG
PCR Index 6	GTCAGTCA
PCR Index 7	CGAATACG
PCR Index 8	TCTAGGAG

**Small RNA Adapter Module 96 Index for Illumina MidiSet (24 indices)  
(RK20358)**

<b>sRNA Index Primer Name</b>	<b>Index</b>	<b>sRNA Index Primer Name</b>	<b>Index</b>
PCR Index 1	TTACCGAC	PCR Index 13	TCGTCTGA
PCR Index 2	AGTGACCT	PCR Index 14	AGCCTATC
PCR Index 3	TCGGATTC	PCR Index 15	CTGTACCA
PCR Index 4	CAAGGTAC	PCR Index 16	AGACCTTG
PCR Index 5	TCCTCATG	PCR Index 17	AGGATAGC
PCR Index 6	GTCAGTCA	PCR Index 18	CCTTCCAT
PCR Index 7	CGAATACG	PCR Index 19	GTCCTTGA
PCR Index 8	TCTAGGAG	PCR Index 20	TGCGTAAC
PCR Index 9	CGCAACTA	PCR Index 21	CACAGACT
PCR Index 10	CGTATCTC	PCR Index 22	TTACGTGC
PCR Index 11	GTACACCT	PCR Index 23	CCAAGGTT
PCR Index 12	CGGCATTA	PCR Index 24	CACGCAAT

**Small RNA Adapter Module 96 Index for Illumina Set\_A (48 indices)  
(RK20359)**

<b>sRNA Index Primer Name</b>	<b>Index</b>	<b>sRNA Index Primer Name</b>	<b>Index</b>
PCR Index 1	TTACCGAC	PCR Index 25	TTCCAGGT
PCR Index 2	AGTGACCT	PCR Index 26	TCATCTCC
PCR Index 3	TCGGATTC	PCR Index 27	GAGAGTAC
PCR Index 4	CAAGGTAC	PCR Index 28	GTCGTTAC
PCR Index 5	TCCTCATG	PCR Index 29	GGAGGAAT
PCR Index 6	GTCAGTCA	PCR Index 30	AGGAACAC
PCR Index 7	CGAATACG	PCR Index 31	CAGTGCTT
PCR Index 8	TCTAGGAG	PCR Index 32	CTTGCTAG
PCR Index 9	CGCAACTA	PCR Index 33	TGGAAGCA
PCR Index 10	CGTATCTC	PCR Index 34	AGCTAAGC
PCR Index 11	GTACACCT	PCR Index 35	GAACGGTT
PCR Index 12	CGGCATTA	PCR Index 36	GGAATGTC
PCR Index 13	TCGTCTGA	PCR Index 37	TACGGTCT
PCR Index 14	AGCCTATC	PCR Index 38	CCAGTATC
PCR Index 15	CTGTACCA	PCR Index 39	TCTACGCA
PCR Index 16	AGACCTTG	PCR Index 40	GTAACCGA
PCR Index 17	AGGATAGC	PCR Index 41	GACGTCAT
PCR Index 18	CCTTCCAT	PCR Index 42	CTTACAGC
PCR Index 19	GTCCTTGA	PCR Index 43	TCCATTGC
PCR Index 20	TGCGTAAC	PCR Index 44	AGCGAGAT
PCR Index 21	CACAGACT	PCR Index 45	CAATAGCC
PCR Index 22	TTACGTGC	PCR Index 46	AAGACACC
PCR Index 23	CCAAGGTT	PCR Index 47	CCAGTTGA
PCR Index 24	CACGCAAT	PCR Index 48	TGGTGAAG

**Small RNA Adapter Module 96 Index for Illumina Set\_B (48 indices)  
(RK20360)**

<b>sRNA Index Primer Name</b>	<b>Index</b>	<b>sRNA Index Primer Name</b>	<b>Index</b>
PCR Index 49	AAGACCGT	PCR Index 73	TAGGAGCT
PCR Index 50	TTGCGAGA	PCR Index 74	CGAATTGC
PCR Index 51	GCAATTCC	PCR Index 75	GTCCTAAG
PCR Index 52	GAATCCGT	PCR Index 76	CTTAGGAC
PCR Index 53	CCGCTTAA	PCR Index 77	TCCACGTT
PCR Index 54	TACCTGCA	PCR Index 78	CAACACAG
PCR Index 55	GTCGATTG	PCR Index 79	GCCTTAAC
PCR Index 56	TATGGCAC	PCR Index 80	GTAAGGTG
PCR Index 57	CTCGAACA	PCR Index 81	AGCTACCA
PCR Index 58	CAACTCCA	PCR Index 82	CTTCACTG
PCR Index 59	GTCATCGT	PCR Index 83	GGTTGAAC
PCR Index 60	GGACATCA	PCR Index 84	GATAGCCA
PCR Index 61	CAGGTTCA	PCR Index 85	TACTCCAG
PCR Index 62	GAACGAAG	PCR Index 86	GGAAGAGA
PCR Index 63	CTCAGAAG	PCR Index 87	GCGTTAGA
PCR Index 64	CATGAGCA	PCR Index 88	ATCTGACC
PCR Index 65	GACGAACT	PCR Index 89	AACCAGAG
PCR Index 66	AGACGCTA	PCR Index 90	GTACCACA
PCR Index 67	ATAACGCC	PCR Index 91	GGTATAGG
PCR Index 68	GAATCACC	PCR Index 92	CGAGAGAA
PCR Index 69	GGCAAGTT	PCR Index 93	CAGCATAAC
PCR Index 70	GATCTTGC	PCR Index 94	CTCGACTT
PCR Index 71	CAATGCGA	PCR Index 95	CTTCGGTT
PCR Index 72	GGTGTACA	PCR Index 96	CCACAACA

# China

[www.abclonal.com.cn](http://www.abclonal.com.cn)

Headquarters: Building 5, Precision Medicine Industry Base Project I, Gaokeyuan 3rd Road, Donghu New Technology Development Zone, Jiangxia District, Wuhan, Hubei, China

Shanghai R&D Center: Floor 4, Building 2, Zizhu High-Tech Industrial Development Park, No. 58 Yuanmei Road, Minhang District, Shanghai, China

US R&D Center: 86 Cummings Park Dr, Woburn, MA 01801, United States

Tel.: 400-999-6126

Email: [cn.market@abclonal.com](mailto:cn.market@abclonal.com)