

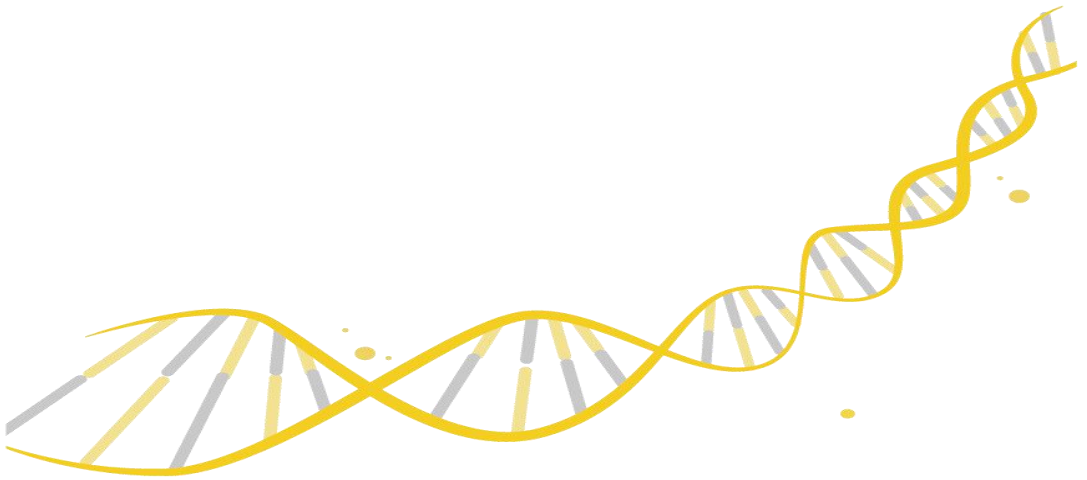


Full DNA Adapter Kit for Illumina

RK20292 Set_C (48 indices)

RK20293 Set_D (48 indices)

RK20298 MidiSet (24 indices)



www.abclonal.com.cn
version: N16C30v2.0

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1. 产品概述

ABclonal Full DNA Adapter Kit for Illumina 是适配于 Illumina 高通量测序平台的 DNA 和 RNA 文库构建试剂盒。产品是包含 i7 单端 index 的全长型接头，其中 Set_C、Set_D 和 MidiSet 分别包含 48、48、24 种 index。该试剂盒可用于 PCR-free DNA 文库制备。试剂盒中所有试剂都经过严格的质量控制和功能验证，最大程度上保证了文库构建的稳定性和重复性。

2. 产品组分

Full DNA Adapter Kit for Illumina Set_C (48 indices) (RK20292)

组分名称	Size 1 (8 RXN)	Size 2 (5 μ L)	Size 3 (12.5 μ L)	Size 4 (25 μ L)
Adapter_96-(01-08)	5 μ L each	5 μ L each	12.5 μ L each	25 μ L each
Adapter_96-(09-48)	-	5 μ L each	12.5 μ L each	25 μ L each

Full DNA Adapter Kit for Illumina Set_D (48 indices) (RK20293)

组分名称	Size 1 (5 μ L)	Size 2 (12.5 μ L)	Size 3 (25 μ L)
Adapter_96-(49-96)	5 μ L each	12.5 μ L each	25 μ L each

Full DNA Adapter Kit for Illumina MidiSet (24 indices) (RK20298)

组分名称	Size (5 μ L)
Adapter_96-(01-24)	5 μ L each

3. 产品保存

-20°C保存，保质期 1 年。

4. 适用范围

- ◇ Rapid Plus DNA Lib Prep Kit 系列
- ◇ Rapid CE DNA Lib Prep Kit 系列
- ◇ Rapid Max DNA Lib Prep Kit 系列
- ◇ FS DNA Lib Prep Kit 系列
- ◇ RNA Lib Prep Kit 系列

5. 注意事项

- 1、本产品为 Illumina 长接头引物。使用时，在连接步骤添加 Full Adapter，在 PCR 步骤添加 10X ILM PCR Primers 进行文库的扩增和富集。
- 2、在连接步骤，请勿将 Full Adapter 与连接酶提前混合，这样会产生大量接头二聚体，严重影响产量。
- 3、-20°C保存的试剂，需要充分溶解，震荡混匀，短暂离心后使用。

6. 序列信息

Full adapter oligo1(P5):

5'-AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCC
GATCT-3'

Full adapter oligo 2(P7):

5'-GATCGGAAGAGCACACGTCTGAACTCCAGTCAC [i7 index] ATCTCGTATGCC
GTCTTCTGCTTG-3'

Full DNA Adapter Kit for Illumina MidiSet (24 indices) (RK20298)

组分	Index	组分	Index
Adapter_96-01	AACGTGAT	Adapter_96-13	AACAACCA
Adapter_96-02	AAACATCG	Adapter_96-14	AACCGAGA
Adapter_96-03	ATGCCTAA	Adapter_96-15	AACGCTTA
Adapter_96-04	AGTGGTCA	Adapter_96-16	AAGACGGA
Adapter_96-05	ACCACTGT	Adapter_96-17	AAGGTACA
Adapter_96-06	ACATTGGC	Adapter_96-18	ACACAGAA
Adapter_96-07	CAGATCTG	Adapter_96-19	ACAGCAGA
Adapter_96-08	CATCAAGT	Adapter_96-20	ACCTCAA
Adapter_96-09	CGCTGATC	Adapter_96-21	ACGCTCGA
Adapter_96-10	ACAAGCTA	Adapter_96-22	ACGTATCA
Adapter_96-11	CTGTAGCC	Adapter_96-23	ACTATGCA
Adapter_96-12	AGTACAAG	Adapter_96-24	AGAGTCAA

Full DNA Adapter Kit for Illumina Set_C (48 indices) (RK20292)

组分	Index	组分	Index
Adapter_96-01	AACGTGAT	Adapter_96-25	AGATCGCA
Adapter_96-02	AAACATCG	Adapter_96-26	AGCAGGAA
Adapter_96-03	ATGCCTAA	Adapter_96-27	AGTCACTA
Adapter_96-04	AGTGGTCA	Adapter_96-28	ATCCTGTA
Adapter_96-05	ACCACTGT	Adapter_96-29	ATTGAGGA
Adapter_96-06	ACATTGGC	Adapter_96-30	CAACCACA
Adapter_96-07	CAGATCTG	Adapter_96-31	GACTAGTA
Adapter_96-08	CATCAAGT	Adapter_96-32	CAATGGAA
Adapter_96-09	CGCTGATC	Adapter_96-33	CACTTCGA
Adapter_96-10	ACAAGCTA	Adapter_96-34	CAGCGTTA
Adapter_96-11	CTGTAGCC	Adapter_96-35	CATACCAA
Adapter_96-12	AGTACAAG	Adapter_96-36	CCAGTTCA
Adapter_96-13	AACAACCA	Adapter_96-37	CCGAAGTA
Adapter_96-14	AACCGAGA	Adapter_96-38	CCGTGAGA
Adapter_96-15	AACGCTTA	Adapter_96-39	CCTCCTGA
Adapter_96-16	AAGACGGA	Adapter_96-40	CGAACTTA
Adapter_96-17	AAGGTACA	Adapter_96-41	CGACTGGA
Adapter_96-18	ACACAGAA	Adapter_96-42	CGCATACA
Adapter_96-19	ACAGCAGA	Adapter_96-43	CTCAATGA
Adapter_96-20	ACCTCCAA	Adapter_96-44	CTGAGCCA
Adapter_96-21	ACGCTCGA	Adapter_96-45	CTGGCATA
Adapter_96-22	ACGTATCA	Adapter_96-46	GAATCTGA
Adapter_96-23	ACTATGCA	Adapter_96-47	CAAGACTA
Adapter_96-24	AGAGTCAA	Adapter_96-48	GAGCTGAA

Full DNA Adapter Kit for Illumina Set_D (48 indices) (RK20293)

组分	Index	组分	Index
Adapter_96-49	GATAGACA	Adapter_96-73	AATGTTGC
Adapter_96-50	GCCACATA	Adapter_96-74	ACACGACC
Adapter_96-51	GCGAGTAA	Adapter_96-75	ACAGATTC
Adapter_96-52	GCTAACGA	Adapter_96-76	AGATGTAC
Adapter_96-53	GCTCGGTA	Adapter_96-77	AGCACCTC
Adapter_96-54	GGAGAACA	Adapter_96-78	AGCCATGC
Adapter_96-55	GGTGCGAA	Adapter_96-79	AGGCTAAC
Adapter_96-56	GTACGCAA	Adapter_96-80	ATAGCGAC
Adapter_96-57	GTCGTAGA	Adapter_96-81	ATCATTCC
Adapter_96-58	GTCTGTCA	Adapter_96-82	ATTGGCTC
Adapter_96-59	GTGTTCTA	Adapter_96-83	CAAGGAGC
Adapter_96-60	TAGGATGA	Adapter_96-84	CACCTTAC
Adapter_96-61	TATCAGCA	Adapter_96-85	CCATCCTC
Adapter_96-62	TCCGTCTA	Adapter_96-86	CCGACAAC
Adapter_96-63	TCTTCACA	Adapter_96-87	CCTAATCC
Adapter_96-64	TGAAGAGA	Adapter_96-88	CCTCTATC
Adapter_96-65	TGGAACAA	Adapter_96-89	CGACACAC
Adapter_96-66	TGGCTTCA	Adapter_96-90	CGGATTGC
Adapter_96-67	TGGTGGTA	Adapter_96-91	CTAAGGTC
Adapter_96-68	TTCACGCA	Adapter_96-92	GAACAGGC
Adapter_96-69	AACTCACC	Adapter_96-93	GACAGTGC
Adapter_96-70	AAGAGATC	Adapter_96-94	GAGTTAGC
Adapter_96-71	AAGGACAC	Adapter_96-95	GATGAATC
Adapter_96-72	AATCCGTC	Adapter_96-96	GCCAAGAC

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