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精品服务客户

# *TransNGS*<sup>®</sup> UDI Indexed Adapter Kit for Illumina<sup>®</sup>

使用前请仔细阅读说明书



目录号: KI341

版本号: Version 1.0

保存: -20°C保存两年。

### 产品说明

TransNGS® UDI Indexed Adapter Kit for Illumina®, 共提供96种由独立的i5和i7组成的Adapters, 是适用于Illumina高通量测序平台的多样品文库构建含双端Index的Long Adapter试剂盒。

### 适用范围

适用于Illumina高通量测序平台多样本文库构建。

### 试剂盒组成

Component	KI341-00 (24 rxns)	KI341-01 (192 rxns)	KI341-02 (384 rxns)
TransNGS® Adapter Dilution Buffer	5 mL	2×5 mL	4×5 mL
TransNGS® UDI Indexed Adapter	1-12 各10 uL	1-96 各10 uL	1-96 各20 uL

### Adapter中Index序列信息

接头名称	测序单i5 Index序列		测序单i7 Index序列
	Miseq, HiSeq 2000/ 2500, NovaSeq v1.0	MiniSeq, NextSeq, HiSeq 3000/4000, NovaSeq v1.5	All Illumina Systems
TransNGS® UDI Indexed Adapter 1 for Illumina® (16 µM)	AGCGCTAG	CTAGCGCT	CCGCGGTT
TransNGS® UDI Indexed Adapter 2 for Illumina® (16 µM)	GATATCGA	TCGATATC	TTATAACC
TransNGS® UDI Indexed Adapter 3 for Illumina® (16 µM)	CGCAGACG	CGTCTGCG	GGACTTGG
TransNGS® UDI Indexed Adapter 4 for Illumina® (16 µM)	TATGAGTA	TACTCATA	AAGTCCAA
TransNGS® UDI Indexed Adapter 5 for Illumina® (16 µM)	AGGTGCGT	ACGCACCT	ATCCACTG
TransNGS® UDI Indexed Adapter 6 for Illumina® (16 µM)	GAACATAAC	GTATGTTC	GCTTGTCA
TransNGS® UDI Indexed Adapter 7 for Illumina® (16 µM)	ACATAGCG	CGCTATGT	CAAGCTAG
TransNGS® UDI Indexed Adapter 8 for Illumina® (16 µM)	GTGCGATA	TATCGCAC	TGGATCGA
TransNGS® UDI Indexed Adapter 9 for Illumina® (16 µM)	CCAACAGA	TCTGTTGG	AGTTCAGG
TransNGS® UDI Indexed Adapter 10 for Illumina® (16 µM)	TTGGTGAG	CTCACCAA	GACCTGAA
TransNGS® UDI Indexed Adapter 11 for Illumina® (16 µM)	CGCGGTTT	GAACCGCG	TCTCTACT
TransNGS® UDI Indexed Adapter 12 for Illumina® (16 µM)	TATAACCT	AGGTTATA	CTCTCGTC
TransNGS® UDI Indexed Adapter 13 for Illumina® (16 µM)	AAGGATGA	TCATCCTT	CCAAGTCT
TransNGS® UDI Indexed Adapter 14 for Illumina® (16 µM)	GGAAGCAG	CTGCTTCC	TTGGACTC
TransNGS® UDI Indexed Adapter 15 for Illumina® (16 µM)	TCGTGACC	GGTCACGA	GGCTTAAG
TransNGS® UDI Indexed Adapter 16 for Illumina® (16 µM)	CTACAGTT	AACTGTAG	AATCCGGA
TransNGS® UDI Indexed Adapter 17 for Illumina® (16 µM)	ATATTCAC	GTGAATAT	TAATACAG
TransNGS® UDI Indexed Adapter 18 for Illumina® (16 µM)	GCGCCTGT	ACAGGCGC	CGGCGTGA
TransNGS® UDI Indexed Adapter 19 for Illumina® (16 µM)	ACTCTATG	CATAGAGT	ATGTAAGT
TransNGS® UDI Indexed Adapter 20 for Illumina® (16 µM)	GTCTCGCA	TGCGAGAC	GCACGGAC
TransNGS® UDI Indexed Adapter 21 for Illumina® (16 µM)	AAGACGTC	GACGTCTT	GGTACCTT



接头名称	测序单i5 Index序列		测序单i7 Index序列
	Miseq, HiSeq 2000/ 2500, NovaSeq v1.0	MiniSeq, NextSeq, HiSeq 3000/4000, NovaSeq v1.5	All Illumina Systems
TransNGS® UDI Indexed Adapter 22 for Illumina® (16 µM)	GGAGTACT	AGTACTCC	AACGTTCC
TransNGS® UDI Indexed Adapter 23 for Illumina® (16 µM)	ACCGGCCA	TGGCCGGT	GCAGAATT
TransNGS® UDI Indexed Adapter 24 for Illumina® (16 µM)	GTTAATTG	CAATTAAC	ATGAGGCC
TransNGS® UDI Indexed Adapter 25 for Illumina® (16 µM)	AACCGCGG	CCGCGGTT	ACTAAGAT
TransNGS® UDI Indexed Adapter 26 for Illumina® (16 µM)	GGTTATAA	TTATAACC	GTCGGAGC
TransNGS® UDI Indexed Adapter 27 for Illumina® (16 µM)	CCAAGTCC	GGACTTGG	CTTGGTAT
TransNGS® UDI Indexed Adapter 28 for Illumina® (16 µM)	TTGGACTT	AAGTCCAA	TCCAACGC
TransNGS® UDI Indexed Adapter 29 for Illumina® (16 µM)	CAGTGGAT	ATCCACTG	CCGTGAAG
TransNGS® UDI Indexed Adapter 30 for Illumina® (16 µM)	TGACAAGC	GCTTGTCA	TTACAGGA
TransNGS® UDI Indexed Adapter 31 for Illumina® (16 µM)	CTAGCTTG	CAAGCTAG	GGCATTCT
TransNGS® UDI Indexed Adapter 32 for Illumina® (16 µM)	TCGATCCA	TGGATCGA	AATGCCTC
TransNGS® UDI Indexed Adapter 33 for Illumina® (16 µM)	CCTGAACT	AGTTCAGG	TACCGAGG
TransNGS® UDI Indexed Adapter 34 for Illumina® (16 µM)	TTCAGGTC	GACCTGAA	CGTTAGAA
TransNGS® UDI Indexed Adapter 35 for Illumina® (16 µM)	AGTAGAGA	TCTCTACT	AGCCTCAT
TransNGS® UDI Indexed Adapter 36 for Illumina® (16 µM)	GACGAGAG	CTCTCGTC	GATTCTGC
TransNGS® UDI Indexed Adapter 37 for Illumina® (16 µM)	AGACTTGG	CCAAGTCT	TCGTAGTG
TransNGS® UDI Indexed Adapter 38 for Illumina® (16 µM)	GAGTCCAA	TTGGACTC	CTACGACA
TransNGS® UDI Indexed Adapter 39 for Illumina® (16 µM)	CTTAAGCC	GGCTTAAG	TAAGTGGT
TransNGS® UDI Indexed Adapter 40 for Illumina® (16 µM)	TCCGGATT	AATCCGGA	CGGACAAC
TransNGS® UDI Indexed Adapter 41 for Illumina® (16 µM)	CTGTATTA	TAATACAG	ATATGGAT
TransNGS® UDI Indexed Adapter 42 for Illumina® (16 µM)	TCACGCCG	CGGCGTGA	GCGCAAGC
TransNGS® UDI Indexed Adapter 43 for Illumina® (16 µM)	ACTTACAT	ATGTAAGT	AAGATACT
TransNGS® UDI Indexed Adapter 44 for Illumina® (16 µM)	GTCCGTGC	GCACGGAC	GGAGCGTC
TransNGS® UDI Indexed Adapter 45 for Illumina® (16 µM)	AAGGTACC	GGTACCTT	ATGGCATG
TransNGS® UDI Indexed Adapter 46 for Illumina® (16 µM)	GGAACGTT	AACGTTCC	GCAATGCA
TransNGS® UDI Indexed Adapter 47 for Illumina® (16 µM)	AATTCTGC	GCAGAATT	GTCCAAT
TransNGS® UDI Indexed Adapter 48 for Illumina® (16 µM)	GGCCTCAT	ATGAGGCC	ACCTTGGC
TransNGS® UDI Indexed Adapter 49 for Illumina® (16 µM)	ATCTTAGT	ACTAAGAT	ATATCTCG
TransNGS® UDI Indexed Adapter 50 for Illumina® (16 µM)	GCTCCGAC	GTCGGAGC	GCGCTCTA
TransNGS® UDI Indexed Adapter 51 for Illumina® (16 µM)	ATACCAAG	CTTGGTAT	AACAGGTT
TransNGS® UDI Indexed Adapter 52 for Illumina® (16 µM)	GCGTTGGA	TCCAACGC	GGTGAACC
TransNGS® UDI Indexed Adapter 53 for Illumina® (16 µM)	CTTACGGG	CCGTGAAG	CAACAATG
TransNGS® UDI Indexed Adapter 54 for Illumina® (16 µM)	TCCTGTAA	TTACAGGA	TGGTGGCA
TransNGS® UDI Indexed Adapter 55 for Illumina® (16 µM)	AGAATGCC	GGCATTCT	AGGCAGAG
TransNGS® UDI Indexed Adapter 56 for Illumina® (16 µM)	GAGGCATT	AATGCCTC	GAATGAGA
TransNGS® UDI Indexed Adapter 57 for Illumina® (16 µM)	CCTCGGTA	TACCGAGG	TGCGGCGT
TransNGS® UDI Indexed Adapter 58 for Illumina® (16 µM)	TTCTAACG	CGTTAGAA	CATAATAC
TransNGS® UDI Indexed Adapter 59 for Illumina® (16 µM)	ATGAGGCT	AGCCTCAT	GATCTATC
TransNGS® UDI Indexed Adapter 60 for Illumina® (16 µM)	GCAGAATC	GATTCTGC	AGCTCGCT



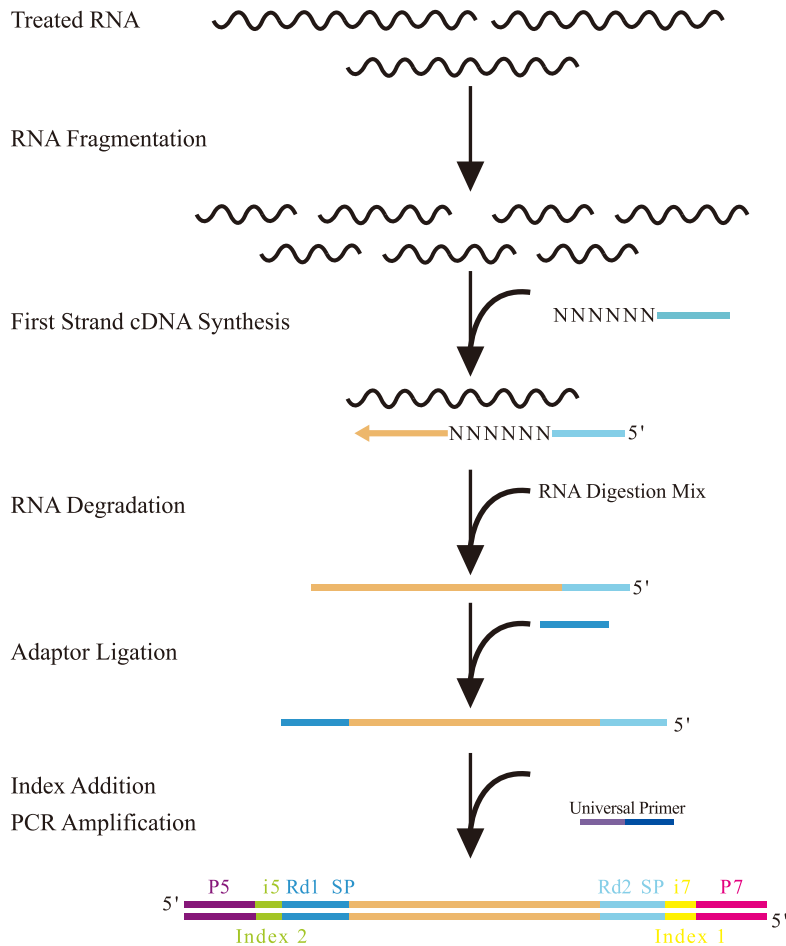
接头名称	测序单i5 Index序列		测序单i7 Index序列
	Miseq, HiSeq 2000/ 2500, NovaSeq v1.0	MiniSeq, NextSeq, HiSeq 3000/4000, NovaSeq v1.5	All Illumina Systems
TransNGS® UDI Indexed Adapter 61 for Illumina® (16 µM)	CACTACGA	TCGTAGTG	CGGAACTG
TransNGS® UDI Indexed Adapter 62 for Illumina® (16 µM)	TGTCGTAG	CTACGACA	TAAGGTCA
TransNGS® UDI Indexed Adapter 63 for Illumina® (16 µM)	ACCACTTA	TAAGTGGT	TTGCCTAG
TransNGS® UDI Indexed Adapter 64 for Illumina® (16 µM)	GTTGTCCG	CGGACAAC	CCATTCGA
TransNGS® UDI Indexed Adapter 65 for Illumina® (16 µM)	ATCCATAT	ATATGGAT	ACACTAAG
TransNGS® UDI Indexed Adapter 66 for Illumina® (16 µM)	GCTTGCGC	GCGCAAGC	GTGTCGGA
TransNGS® UDI Indexed Adapter 67 for Illumina® (16 µM)	AGTATCTT	AAGATACT	TTCTGTGT
TransNGS® UDI Indexed Adapter 68 for Illumina® (16 µM)	GACGCTCC	GGAGCGTC	CCTTCACC
TransNGS® UDI Indexed Adapter 69 for Illumina® (16 µM)	CATGCCAT	ATGGCATG	GCCACAGG
TransNGS® UDI Indexed Adapter 70 for Illumina® (16 µM)	TGCATTGC	GCAATGCA	ATTGTGAA
TransNGS® UDI Indexed Adapter 71 for Illumina® (16 µM)	ATTGGAAC	GTTCCAAT	ACTCGTGT
TransNGS® UDI Indexed Adapter 72 for Illumina® (16 µM)	GCCAAGGT	ACCTTGGC	GTCTACAC
TransNGS® UDI Indexed Adapter 73 for Illumina® (16 µM)	CGAGATAT	ATATCTCG	CAATTAAC
TransNGS® UDI Indexed Adapter 74 for Illumina® (16 µM)	TAGAGCGC	GCGCTCTA	TGGCCGGT
TransNGS® UDI Indexed Adapter 75 for Illumina® (16 µM)	AACCTGTT	AACAGGTT	AGTACTCC
TransNGS® UDI Indexed Adapter 76 for Illumina® (16 µM)	GGTTCACC	GGTGAACC	GACGTCTT
TransNGS® UDI Indexed Adapter 77 for Illumina® (16 µM)	CATTGTTG	CAACAATG	TGCGAGAC
TransNGS® UDI Indexed Adapter 78 for Illumina® (16 µM)	TGCCACCA	TGGTGGCA	CATAGAGT
TransNGS® UDI Indexed Adapter 79 for Illumina® (16 µM)	CTCTGCCT	AGGCAGAG	ACAGGCCG
TransNGS® UDI Indexed Adapter 80 for Illumina® (16 µM)	TCTCATTC	GAATGAGA	GTGAATAT
TransNGS® UDI Indexed Adapter 81 for Illumina® (16 µM)	ACGCCGCA	TGCGGCGT	AACTGTAG
TransNGS® UDI Indexed Adapter 82 for Illumina® (16 µM)	GTATTATG	CATAATAC	GGTCACGA
TransNGS® UDI Indexed Adapter 83 for Illumina® (16 µM)	GATAGATC	GATCTATC	CTGCTTCC
TransNGS® UDI Indexed Adapter 84 for Illumina® (16 µM)	AGCGAGCT	AGCTCGCT	TCATCCTT
TransNGS® UDI Indexed Adapter 85 for Illumina® (16 µM)	CAGTTCCG	CGGAACTG	AGGTTATA
TransNGS® UDI Indexed Adapter 86 for Illumina® (16 µM)	TGACCTTA	TAAGGTCA	GAACCGCG
TransNGS® UDI Indexed Adapter 87 for Illumina® (16 µM)	CTAGGCAA	TTGCCTAG	CTCACCAA
TransNGS® UDI Indexed Adapter 88 for Illumina® (16 µM)	TCGAATGG	CCATTCGA	TCTGTTGG
TransNGS® UDI Indexed Adapter 89 for Illumina® (16 µM)	CTTAGTGT	ACACTAAG	TATCGCAC
TransNGS® UDI Indexed Adapter 90 for Illumina® (16 µM)	TCCGACAC	GTGTCGGA	CGCTATGT
TransNGS® UDI Indexed Adapter 91 for Illumina® (16 µM)	AACAGGAA	TTCTGTGT	GTATGTTT
TransNGS® UDI Indexed Adapter 92 for Illumina® (16 µM)	GGTGAAGG	CCTTCACC	ACGCACCT
TransNGS® UDI Indexed Adapter 93 for Illumina® (16 µM)	CCTGTGGC	GCCACAGG	TACTCATA
TransNGS® UDI Indexed Adapter 94 for Illumina® (16 µM)	TTCACAAAT	ATTGTGAA	CGTCTGCG
TransNGS® UDI Indexed Adapter 95 for Illumina® (16 µM)	ACACGAGT	ACTCGTGT	TCGATATC
TransNGS® UDI Indexed Adapter 96 for Illumina® (16 µM)	GTGTAGAC	GTCTACAC	CTAGCGCT







本试剂盒与TransNGS® Fast RNA-Seq Library Prep Kit for Illumina®配套使用原理示意图如下：



本试剂盒与TransNGS® DNA Library Prep Kit for Illumina®以及TransNGS® Fast RNA-Seq Library Prep Kit for Illumina®配套使用所得文库结构如下：

5'-AATGATACGGCGACCACCGAGATCTACAC[i5]ACACTCTTTCCCTACACGACGCTCTTCCGATCT-XXXXXXXXX  
-AGATCGGAAGAGCACACGTCTGAACTCCAGTCAC[i7]ATCTCGTATGCCGCTTCTGCTTG-3'

i5: Index 2, 8 bases;

i7: Index 1, 8 bases;

-XXXXXXXXX-: 插入序列。

本产品仅供研究，不用于临床诊断。

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