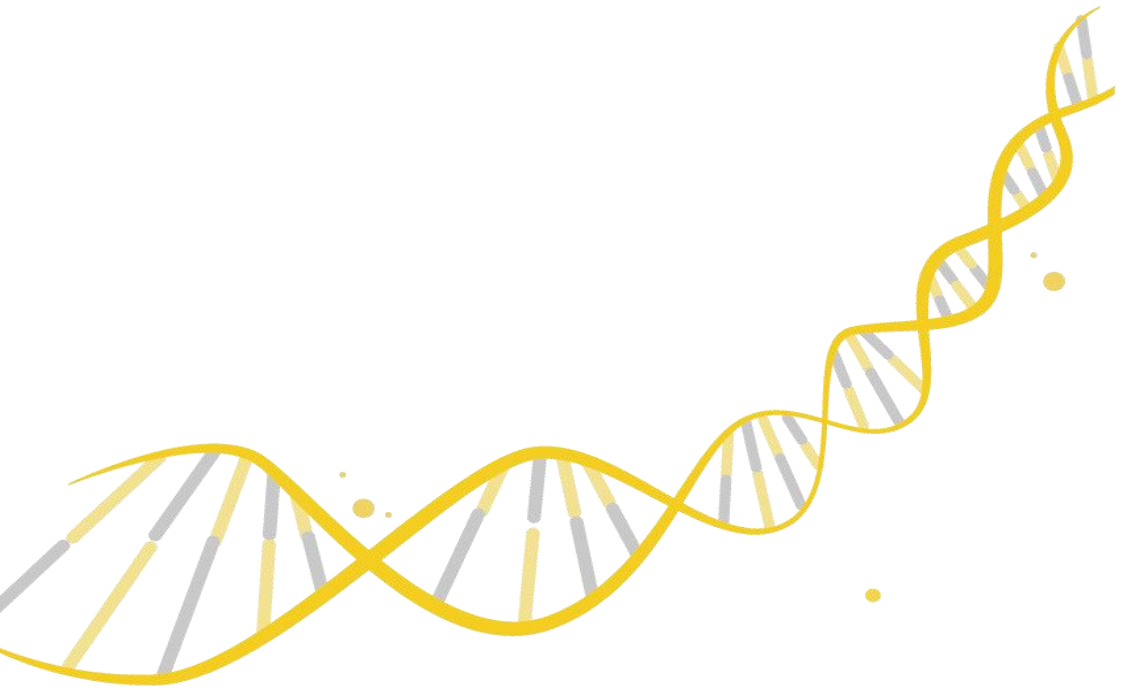
Dual DNA Adapter 96 Kit for One-step DNA Lib Prep

RK20290



www.abclonal.com.cn

version: N20D16v1.0

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1. Introduction

The Dual DNA Adapter 96 Kit for One step DNA Lib Prep is a dedicated kit for One-step DNA Lib Prep Kit for Illumina®, which is provided in three kit sizes: 8 RXN, 24 RXN, and 96 RXN.

This kit includes P5 and P7 index primers which are labeled with blue and yellow caps. When using this kit, pay attention to combination of index primers. All reagents in the kit have undergone strict quality control and functional verification, ensuring the stability and repeatability of library preparation

2. Component

	Components	8 RXN	24 RXN	96 RXN
	N501-502 Primer	10 μL each	15 μL each	30 μL each
	N503-504 Primer	-	15 μL each	30 μL each
	N505-508 Primer	-	-	30 μL each
	N701-704 Primer	5 μL each	10 μL each	20 μL each
	N705-706 Primer	-	10 μL each	20 μL each
	N707-712 Primer	-	-	20 μL each

Component concentration：Index Primer (N5XX or N7XX), 20μM each。

3. Storage

All components should be stored at-20°C. The shelf life of each reagent is one year when stored properly.

4. Applicable products

One-step DNA Lib Prep Kit for Illumina 系列

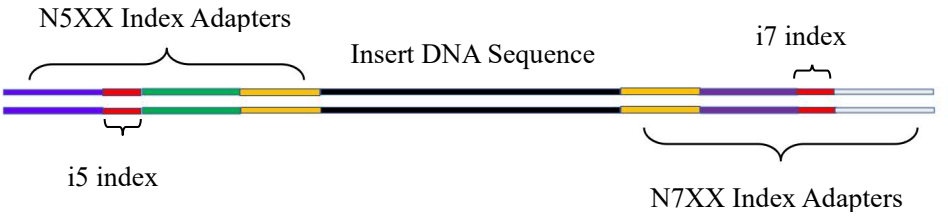
5. Tips and Techniques

1、Before use, thoroughly dissolve, shake, mix and briefly centrifuge the reagents.

2、When using,add N5 Primer and N7 Primer combination in the PCR step

6. Library structure

The library structure using One-step DNA Lib Prep Kit is as follows:



N5XX:

5'-AATGATACGGCGACCACCGAGATCTACAC [i5 index] TCGTCGGCAGCGTC-3'

N7XX:

5'-CAAGCAGAAGACGGCATACGAGAT [i7 index] GTCTCGTGGGCTCGG-3'

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i5 index name	i5 Bases for Sample Sheet NovaSeq, MiSeq, Hiseq 2000/2500	i5 Bases for Sample Sheet MiniSeq, NextSeq, HiSeq 3000/4000	i7 index name	i7 Bases for Sample Sheet
N501	TAGATCGC	GCGATCTA	N701	TAAGGCGA
N502	CTCTCTAT	ATAGAGAG	N702	CGTACTAG
N503	TATCCTCT	AGAGGATA	N703	AGGCAGAA
N504	AGAGTAGA	TCTACTCT	N704	TCCTGAGC
N505	GTAAGGAG	CTCCTTAC	N705	GGACTCCT
N506	ACTGCATA	TATGCAGT	N706	TAGGCATG
N507	AAGGAGTA	TACTCCTT	N707	CTCTCTAC
N508	CTAAGCCT	AGGCTTAG	N708	CAGAGAGG
			N709	GCTACGCT
			N710	CGAGGCTG
			N711	AAGAGGCA
			N712	GTAGAGGA

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