



Product Insert

Catalog # YST0203 Nextera XT Index Adapters for Illumina Two-Step PCR Library Preparation. Check our website for the various product sizes available.

Nextera XT Index Adapters for Illumina Two-Step PCR Library Preparation are 96 pairs of primer mixes preformulated with 12 of Nextera XT Index Primer 1 (N7xx) and 8 of Nextera XT Index Primer 2 (S5xx). They are used in the 2nd step PCR of Illumina Two-Step PCR DNA library preparation process. These Index Adapters are pre-packaged in PCR tubes. Each tube contains the right amount for 1 PCR reaction.

Application: NGS for Illumina platforms.

PCR Composition:

Description	Volume
2X HiFi PCR Master Mix	6.25uL
Nextera XT Index Adapters (already in PCR tube)	1uL
DNA from 1 st Step PCR	5.25uL
Total	12.5ul

PCR Parameters :

Temperature	Time	Cycles
95°C	2min	
95°C	30sec	8 cycles
55°C	30sec	
72°C	30sec	
72°C	5min	
4°C	Hold at 4°C	