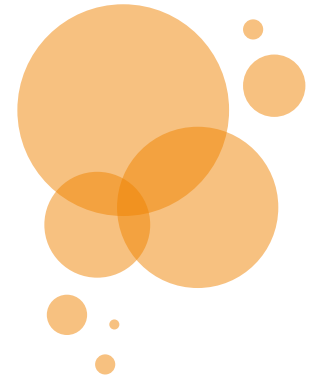
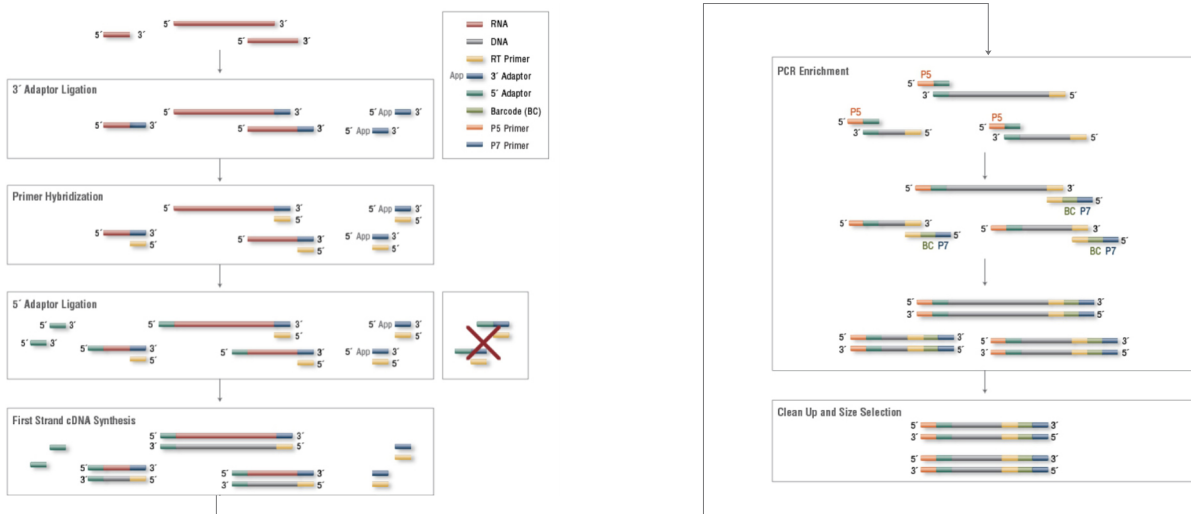


NEBNext Small RNA Library Prep for Illumina




- 縮短操作流程，只需6小時。
- 微量Total RNA亦可直接使用（100ng）
- 只需一次膠體純化步驟。
- 亦適用於methylated small RNAs
- 有效減少adaptor-dimer產生，提高Library產量。
- Barcode系統與illumina完全相容，方便分析序列。
- 只需一次膠體純化步驟。

Small RNA Library Preparation Work Flow for Illumina



3' Adaptor Ligation → Primer Hybridization → 5' Adaptor Ligation → First Strand Synthesis → PCR Enrichment → Size Selection

NEBNext Multiplex Small RNA Library Prep Set for Illumina (Set 1 NEB #E7300, Set 2 NEB #E7580)						
Library Prep Set	• 3' Ligation Enzyme Mix • 3' Ligation Reaction Buffer (2X) • 3' SR Adaptor	• SR RT Primer	• 5' Ligation Enzyme Mix • 5' Ligation Reaction Buffer (10X) • 5' SR Adaptor • Nuclease-Free Water	• RNase Inhibitor, Murine • M-MuLV Reverse Transcriptase (RNase H) • First Strand Synthesis Reaction Buffer	• LongAmp [®] Taq 2X Master Mix • SR Primer • Index Primers 1-12 (Set 1) • Index Primers 13-24 (Set 2)	• Gel Loading Dye, Blue (6X) • Quick-Load [®] pBR322 DNA-MspI Digest • DNA Gel Elution Buffer (1X) • Linear Acrylamide • TE Buffer


Hands-On Time
30 min
Total Time
6 hrs

Catalog #	Products	Reaction
E7330 S/L	Multiplex Small RNA Library Prep Set for Illumina (Set 1)	24/96
E7300 S/L	Multiplex Small RNA Library Prep Set for Illumina (Set 2)	24/96
E7580 S/L	Small RNA Library Prep Set for Illumina (Multiplex Compatible)	24/96