NGS Library Preparation

Low input, Cell-free DNA, ChIP-Seq, FFPE sample

High Quality

- High library conversion efficiency
- · Better coverage at difficult regions
- · Limited GC bias

Fast protocol

- Total time: ~1.5 hours
- Hands-on time: ~10 minutes

Simple Workflow & Procedure

- · Less steps
- · Simplified beads purification

Applications

- Low input DNA
- · Cell-free DNA
- FFPE samples
- Hands-on time ChIP-Seq Walk-away time

Less reaction components

Easy reaction setup with less components

PCR

Simplified purification step

Less time, less hands-on work

Master mix solution Ready-to-use master mix

Post-PCR

Adaptor purification polishing addition 1 min <1 min 20 min 20 min

2 min 6 min

Pre-PCR

purification 3 min 2 min 10-20 min

7 min

High Quality

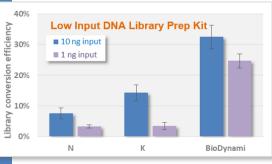
Better Coverage Limited Bias

Fast

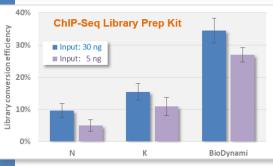
1.5-hour **Protocol**

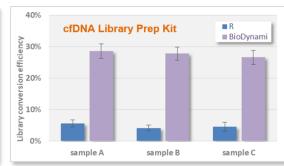
Simple

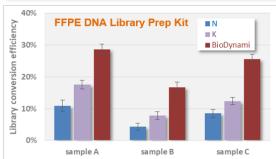
10 minutes **Hands-on Time**



End







Product Name	Application	Cat.#
NGS Low Input DNA Library Prep Kit	Low input 1-100 ng	30022, 30024, 30025
NGS Cell-free DNA Library Prep Kit	Cell-free DNA 1-20 ng	30029, 30031, 30033
ChIP-Seq Library Prep Kit	ChIP-Seq 5-30 ng	30032, 30034, 30036
NGS FFPE DNA Library Prep Kit	FFPE DNA 10-50 ng	30035, 30037, 30039

More details at: https://biodynami.com/product/ngs-dna-library-prep-kit/



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