

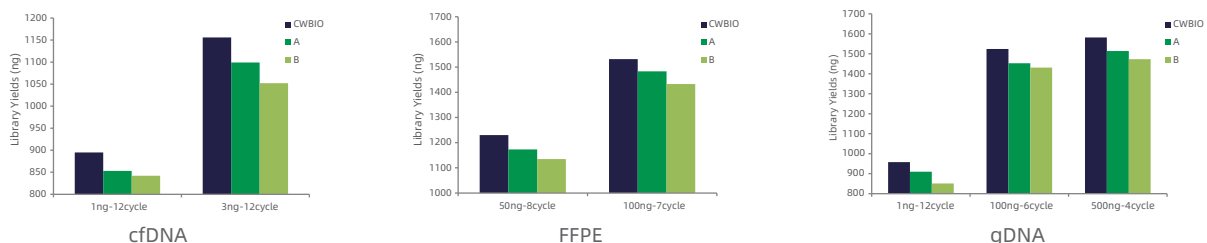
Fast DNA Library Prep Set for Illumina&MGI - Mechanical library preparation

■ Advantage

- **Suitable for Illumina and MGI:** Capable of ligating different adapters for library construction suitable for both Illumina and MGI sequencing platforms.
- **Strong compatibility:** Suitable for various kinds of samples, including fresh tissue gDNA, cfDNA, FFPE, etc.
- **Wide range of template input:** 100 pg- 1 μg.
- **Good data quality:** Uniform sequencing coverage, with high conversion efficiency, effectively reducing duplication rates.
- **Stability:** The entire reagent production process is automated and assembled, ensuring product stability through rigorous quality control.
- **Barcodes:** The barcodes in the MGI platform's matched adapter primers are introduced through PCR, providing at least 128 different barcodes.

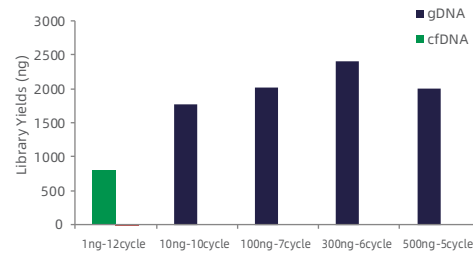
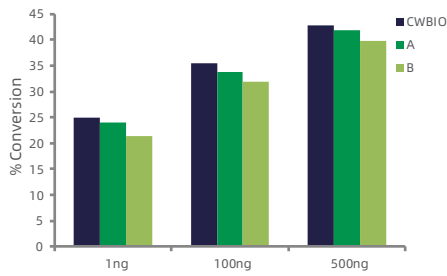
■ Product Performance

Compatibility



Conclusion: CoWin's Fast DNA Library Prep Set has a stronger compatibility for templates. Higher library yields can be obtained for cfDNA, FFPE samples, and fresh tissue gDNA.

Conversion Rate

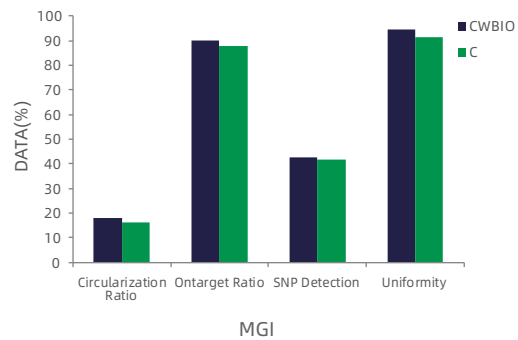
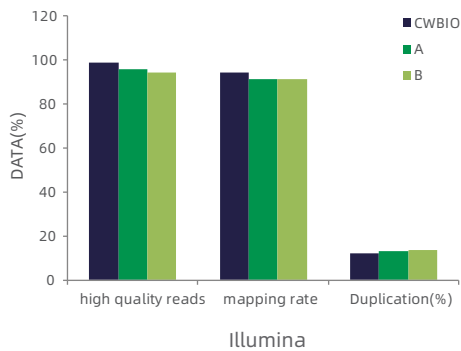


Comparison of product library conversion rates of different companies

Library yield index

Conclusion: CoWin's Fast DNA Library Prep Set has a higher conversion rate, ensures a higher library yields at low cycle numbers.

Conversion Rate



Conclusion: CoWin's Fast DNA Library Prep Set has shown excellent sequencing performance on both Illumina and MGI platforms: Illumina platform exhibits a higher number of high-quality reads, high mapping rates, and low duplication; MGI platform demonstrates high ligation efficiency, good library uniformity, high capture rate, and enhanced sensitivity in SNP detection.

Product Information

Cat. No.	Name	Specification	Keyword
CW3045S	Fast DNA Library Prep Set for Illumina&MGI	24 rxns	Mechanical method library preparation
CW3045M		96 rxns	

Matching adapter & index kits and purification kits are available.