

# NEXTflex™ ChIP-Seq Kit

## 产品特点:

- Low 10 ng input requirement
- For use with ChIP or genomic DNA samples
- Optimized for low DNA input with NanoQ™ enzymes and buffers
- Faster protocol - bead-based cleanup protocol shaves hours off of time required for library prep
- Enhanced Adapter Ligation Technology offers a larger number of unique sequencing reads
- 96 barcoded adapters for multiplexing contain embedded index sequence
- Automation-friendly workflow is compatible with liquid handlers
- Flexible barcode options – kits containing 6, 12, 24, 48 and 96 unique barcodes
- Compatible with Illumina GAIIx, HiSeq and MiSeq sequencing platforms

## 产品介绍:

The NEXTflex ChIP-Seq Kit contains specially designed NanoQ™ enzymes and buffers needed for sample preparation of chromatin immunoprecipitated or regular genomic DNA for next generation sequencing. The NEXTflex ChIP-Seq Kit also features Bioo Scientific's proprietary "Enhanced Adapter Ligation Technology" resulting in library preps with a larger number of unique sequencing reads. By making improvements to the ligation enzymatic mix, the user will now have the ability to perform ligations with longer adapters and expect to see better binding efficiencies. The NEXTflex™ ChIP-Seq Kit simplifies workflow by using master mixed reagents and magnetic bead based cleanup, reducing pipetting and eliminating time consuming steps in library preparation. Using the Enhanced Adapter Ligation Technology with NEXTflex™ ChIP-Seq Barcodes, the user can index up to 96 samples at once providing an unparalleled ChIP sequencing capacity.

In addition, the availability of up to 96 unique adapter barcodes makes this the most high-throughput ChIP-Seq kit available.

For larger volume requirements, customization and bulk packaging is available. For increased flexibility individual reagents (non-master mixed) are also available. Please contact [info@sbsbio.com](mailto:info@sbsbio.com) for further information.

Catalog#	Product Name	Quantity
5143-01	NEXTflex™ ChIP-Seq Kit	8 rxns
5143-02	NEXTflex™ ChIP-Seq Kit	48 rxns