

NEXTflex™ DNA Modules

产品特点:

- Flexible options – the NEXTflex™ DNA Modules are available in aliquots containing any number of reactions you need
- Convenient – Reactions are provided in master mix format to reduce steps during DNA sample prep workflows
- Enhanced Adapter Ligation Technology offers a larger number of unique sequencing reads
- Automation-friendly workflow is compatible with liquid handlers
- Compatible with targeted sequence capture
- Functionally validated with Illumina sequencing platforms

产品详情:

The NEXTflex™ DNA Modules offer additional flexibility to next generation sequencing library preparation. All of these modules are compatible with the Illumina Genome Analyzer IIX, HiSeq and MiSeq sequencing platforms. These modules are available in any quantity greater than 100 reactions.

NEXTflex™ DNA End Repair Module

The NEXTflex™ DNA End-Repair Module has been designed with enzymes and buffers to efficiently repair fragmented DNA with overhangs to blunt ended DNA. The NEXTflex™ DNA End Repair Module is supplied as a master mix to maximize efficiency and convenience in DNA sample preparation workflows. The module is the first step in the NEXTflex™ DNA Sequencing Kit.

NEXTflex™ DNA Adenylation Module

The NEXTflex™ DNA Adenylation Module has been designed with enzymes and buffers to efficiently incorporate an "A" on the 3' end of blunt DNA fragments. The module is the second step in the NEXTflex™ DNA Sequencing Kit.

NEXTflex™ DNA Ligation Module

The NEXTflex™ DNA Ligation Module has been designed with enzymes and buffers to efficiently ligate DNA adapters to adenylated DNA fragments. Using Bio Scientific's "Enhanced Ligation Technology", adapters are bound to more DNA fragments leading to

increased sequencing diversity and reads. The module is the fourth step in the NEXTflex™ DNA Sequencing Kit.

NEXTflex™ DNA PCR Module

The NEXTflex™ DNA PCR Module has been designed with enzymes, buffers and nucleotides to efficiently amplify adapter ligated DNA. The module is the final step in the NEXTflex™ DNA Sequencing Kit.

For larger volume requirements, customization and bulk packaging is available. Please contact nextgen@bioscientific.com for further information.

Modules are also available for PCR-Free library preparation and ChIP-Seq library preparation.

Catalog#	Product Name	Quantity
5140-05	NEXTflex™ DNA End Repair Mix	100 rxns
5140-05c	NEXTflex™ DNA End Repair Mix	1,000 rxns
5140-06	NEXTflex™ DNA Adenylation Mix	100 rxns
5140-06c	NEXTflex™ DNA Adenylation Mix	1,000 rxns
5140-07	NEXTflex™ DNA Ligation Mix	100 rxns
5140-07c	NEXTflex™ DNA Ligation Mix	1,000 rxns
5140-08	NEXTflex™ DNA PCR Master Mix	100 rxns
5140-08c	NEXTflex™ DNA PCR Master Mix	1,000 rxns