

AIR™ Genomic DNA Sequencing Kit

产品特点

- Single read sequencer-ready libraries from as low as 1 µg of DNA
- Includes all enzymes, adapters and clean-up columns required
- Single day library construction
- Single step blunt-end polishing
- Cost effective and flexible sequencing preparation
- Allows users to choose length of insert
- Indexing/barcoding compatible

产品描述

The AIR™ Genomic DNA Sequencing Kit is ideally suited for genomic DNA preparation of expression libraries for single read next-generation sequencing on Illumina platforms. This kit offers the simplest way to sequence short inserts or selected genomic regions. The AIR™ DNA Sequencing Kits offer significant improvements over traditional library preparation methods, including their ability to produce high quality, unbiased, sequencer-ready libraries from as little as 1 µg of DNA. They are complete kits that include all enzymes, adapters and clean-up columns needed for library preparation, facilitating the user's ability to move from purified genomic DNA to cluster generation.

DNA Fragmentation

Both the AIR™ Paired End and the AIR Genomic DNA Sequencing Kits are compatible with the AIR™ DNA Fragmentation Kit that provides a means for unbiased DNA fragmentation. These kits are also compatible with alternative DNA shearing technologies such as ultrasound and sonication. Each kit has been functionally validated with the Illumina GAI and HiSeq 2000 sequencing platforms. These kits are designed for use in de novo sequencing and targeted re-sequencing applications.

Sample Multiplexing

AIR™ DNA Barcodes can be used to provide flexibility in high-throughput sequencing applications. They significantly increase scale and throughput while reducing costs by allowing the user to pool up to 96 multiple paired end library preparations into a single flow cell.

For larger volume requirements, customized and bulk packaging is available. Please contact info@sbsbio.com for further information.

Catalog#	Product Name	Quantity	Price
5138-01	AIR™ Genomic DNA Sequencing Kit	10 rxns	Inquire
5138-02	AIR™ Genomic DNA Sequencing Kit	40 rxns	Inquire