



Ribo NGS Bead

Product Number: NGB-DR

Product Description

Ribo NGS Bead Is a DNA / RNA purification kit developed based on magnetic microspheres. The product can be replaced with Agencourt AMPure XP and RNAClean XP 1:1, compatible with operation process, and good consistency of detection results. It is an efficient selection for NGS library purification and fragment screening. NGS Bead Is highly flexible to adjust the volume ratio to the left, right or two directions by adjusting the volume ratio of the sample and magnetic beads.

Ribo NGS Bead The operation is easy, and the 3-step process to remove salts, primers, primers and dNTP from the sample; DNA / RNA fragments are selectively bound to magnetic microspheres according to their size; eluted from magnetic microspheres with water or low salt buffer, which can be used directly used for downstream applications. The product is suitable for a variety of liquid workstations and operating processes, such as Hamilton, Beckman, Agilent, Caliper, Perkin Elmer, Tecan and Eppendorf, and can be used for manual operation.

Microsphere particle dispersion, uniform surface groups and good suspension.

Description of Materials

1. Material: Fe₃O₄
2. Density: 1.05-3.38g/cm³
3. Dispersion medium: pure water
4. Microparticle refractive index: NA
5. Additives: Trace surfactants

Storage and Stability

Store at 2-8°C, do not freeze.

Recommended application

This product is RNA-free production system, RNA and DNA purification and fragment screening NGS and Sanger sequencing PCR, RT-PCR mutation detection and genotyping fragment analysis Microarray restriction enzyme clearance molecule clone DNA purification, RNA purification are applicable

Characteristic

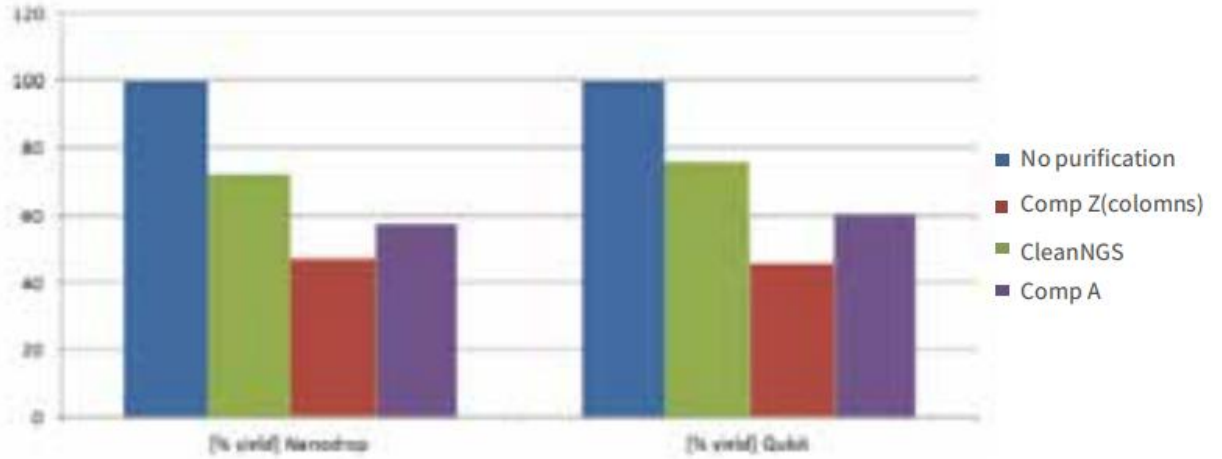
High amplification product recovery; manual operation, automatic workstation operation

Combined with special reagents, it can effectively remove dNTP, primers, primers dimers, salt ions and other impurities

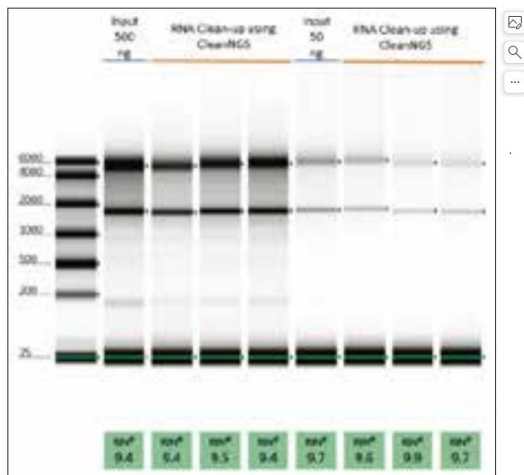
Application selection

Art.No.	specifications	Modify the group	solid content
NGB-DR-5ML	5ml	COOH	1.0%
NGB-DR-50ML	50ml		
NGB-DR-500ML	500ml		

The DNA / RNA purification results are presented



Was purified with NGS Bead and competing products A and Z, and analyzed by Nanodrop and Qubit. The results showed that the nucleic acid fragments with competing products A and Z phase NGS Bead



Total RNA Purification