Innuscreen
innovative Sensor Technology

innuPREP Micro RNA Kit

Using the innuPREP Micro RNA Kit allows researchers to isolate small RNA molecules and achieve high yields. The new, optimized binding buffer system makes it possible to achieve high rates of recovery for small RNA molecules such as mRNA, tRNA, rRNA and snRNA.

The first step utilizes well-established spin filter column technology to selectively remove genomic DNA; the RNA is then bound, washed and finally removed from the filter membrane using RNase-free water. Users have the flexibility to adjust the elution volume within a range of 30 µl to 80 µl. Also, the extraction chemistry (DC-Technologie) renders the use of highly toxic beta-mercaptoethanol unnecessary for isolating RNA. The innuPREP Bacteria Lysis Booster is also available to further optimize the lysis of bacterial cells, particularly with regard to bacterial strains that are difficult to lyse.

Product Name: innuPREP Micro RNA Kit

Product details

Extract: RNA
Reactions: 10 / 50 / 100 / 250 (either or)
Sample type/Starting material: Tissue
Bacterial cell culture or pellets (gram+ & gram-) & Yeast
Biopsies
Eukaryotic cells

Specifications:

Starting material

- Eukaryotic cells (max. 5 × 10exp6)
- Tissue samples (max. 20 mg)
- Gram+ and gram- bacteria (max. 1 × 10exp9)
- Biopsies

Average yield
Depends on the type and quantity of the starting material Up to 100 µg RNA High recovery rate for small RNA molecules

Extraction time
Approx. 15 – 40 minutes

Binding capacity
Column binding capacity: approx. 100 µg RNA

Average purity
1,8 – 2,1

The online shop

Price: € 47.25
Content: 10 reactions
Please select packing 10 reactions ▼