



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.  $5 \times 10^6$ )
- Tissue samples (max. 20 mg)
- Gram+ and gram- bacteria (max.  $1 \times 10^9$ )
- 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  ▼