

## mRNA purification kit

**Cat. No.** KITPI-RP10    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

The mRNA purification kit is designed to quickly separate mRNA from total RNA. The principle of separation is that the polyA residue at the 3' end of most mRNAs can bind to the Oligo residue (immobilized on the surface of the magnetic bead), and other RNAs lacking a polyA tail will be washed. This kit contains high sensitivity Oligo magnetic beads, which can separate up to 2µg of mRNA per mg of magnetic beads. After simple incubation and washing, mRNA can be purified from cell lysates or total RNA in a short time. However, the extracted mRNA can be directly used in subsequent experiments without ribosomal RNA reduction or DNase processing, such as RT-qPCR, high-throughput sequencing, mRNA library construction, solid phase cDNA library construction, Northern blot analysis, rapid amplification of cDNA end (RACE), serial Analysis of Gene Expression (SAGE) and other molecular biology experiments.

#### Size

10 tests

#### Storage

Store at 4°C

#### Applications

mRNA isolation for RT-qPCR, sequencing, mRNA library construction, cDNA library construction, Northern blot analysis, RACE, SAGE and other molecular biology experiments.

#### Shipping

On Ice

#### Kit Components

Oligo magnetic beads: 2mL

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Binding buffer: 5mL

Wash buffer: 5mL

Elution buffer: 500uL

**Materials Required  
but Not Supplied**

RNase-free centrifuge tube and pipette tips, PCR instrument, magnetic rack, all materials needed for extraction of total RNA

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