

RNA Binding Protein Immunoprecipitation (RIP) Kit

Cat. No. KITMI-RP09 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RIP technique (RNA Binding Protein Immunoprecipitation) is used to investigate the binding of RNA and protein in the cell. This technology mainly uses specific antibodies of the target protein to precipitate the corresponding RNA-protein complex, and then the RNA is separated and purified for q-PCR verification or high-throughput sequencing analysis.
Size	6 tests
Storage	Antibodies and protease inhibitors need to be stored at -20°C and the rest stored at 4°C
Applications	Study the protein and RNA interactions
Notes	6 tests refer to 6 times of single group (1 group of IP or 1 group of IgG immunoprecipitation experiment. The following procedure includes 1 group of IgG and 1 group of IP, which consumes 2 test reagents
Shipping	On Ice
Kit Components	RIP Lysis Buffer: 3.6mL Protease Inhibitor (100X): 15uL RNase Inhibitor: 35uL Protein A/G Magnetic Beads: 200uL Normal Rabbit IgG (1mg/mL): 30uL Normal Mouse IgG (1mg/mL): 30uL

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RIP Wash Buffer: 50mL

0.5 M EDTA: 400uL

Salt Solution: 600uL

DEPC H₂O: 400uL

Elution Buffer : 800uL

**Materials Required
but Not Supplied**

Trizol, 75% ethanol, chloroform, isopropyl alcohol, Reverse transcription kit and
fluorescent dye

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