RNA pull-down Kit

Cat. No. KITMI-RP07 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RNA pull-down is a technique to study the binding of RNA to proteins or the binding to RNA in cells. The RNA is labeled with biotin labeling and then co-incubated with the cell lysate to form an RNA-RNA or RNA-protein complex. Incubate with magnetic beads that coupled with streptavidin, the RNA-RNA or RNA-protein complex will be enriched and eluted. Fluorescence quantitative PCR (RNA pull down- QPCR) or high-throughput sequencing (RNA pull down-seq) is used to determine whether the target RNA interacts with some RNA molecules. Western blot (pull down-WB) assay and mass spectrometry (pull down-MS) is used to detect whether the target RNA interacts with the proteins.
Size	6 tests
Storage	Protease inhibitor needs to be stored at -20°C and the rest stored at 4°C
Applications	Study the protein and RNA interactions
Notes	6 tests are 6 times of single-group (1 experimental group or 1 control group) immunoprecipitation experiment. The following steps include 1 group of experimental group and 1 group of control group, which needs to consume 2 test reagents.
Shipping	On Ice
Kit Components	RNA binding buffer: 6mL Wash Buffer I: 20mL Protein-RNA binding buffer (10X): 600uL

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	IP lysis buffer : 9mL Protease inhibitor (100 X): 35uL Glycerol (50%): 800uL Wash Buffer II: 10mL Solution I: 600uL Elution Buffer: 800uL DEPC water: 400uL Nucleic-Acid Compatible Streptavidin Magnetic Beads: 270uL
Materials Required but Not Supplied	75% ethanol, Trizol, chloroform, isopropyl alcohol, 1xPBS, Reverse transcription kit, Fluorescent dye and other reagents

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA