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## Datasheet for ABIN1113014 **RIPA Lysis Buffer (Weak)**

### Overview

Quantity:	100 tests
Application:	Cell Lysis (CLy), Immunoprecipitation (IP), Radioimmunoassay (RIA), Western Blotting (WB)

### Product Details

**Characteristics:**

1. Membrane and Cytosol Protein Extraction Kit provides a simple and convenient way for extracting membrane and cytosol protein from cultured cells and tissues. This kit can extract not only the membrane protein on the plasma membrane, also the membrane protein on the Mitochondrial, Endoplasmic reticulum and Golgiapparatus.
2. This kit breaks cells properly by homogenizing, and through low speed centrifugation, discards nucleus and precipitate produced by the unbroken cells. Then, collect the supernatant and centrifuge at high speed to obtain the cell membrane pellets and the cytosol protein included supernatant. At last, extract the membrane protein from the pellets through Membrane Protein Extraction Reagent.
3. It takes about 90 min to complete separating and extracting the membrane and cytosol protein from cultured cells and tissues. Extracted proteins can be used for SDS-PAGE, Western, enzyme activity and other subsequent experiment.
4. The Membrane Protein Extraction Reagent contains protease and phosphatases inhibitor, EDTA, etc. Thus, it is not suitable for determining the activities of enzymes which affected by these inhibitors (like protease, phosphatases), but the extracted membrane or cytosol proteins can be used for detection of protein phosphorylation levels.
5. The kit can be used for 100 samples. User can adjust the volume of reagent according to different sample volumes.

Kit Components Components

### Application Details

**Sample Preparation:**

1. Prepare solutions: thaw MER A and MER B at room temperature and mix thoroughly, then put them on ice once completely dissolved. Take the proper volume of MER A & B for use, 2-3 min

## Application Details

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before use, add PMSF and make its final concentration to 1 mM. 2. Prepare cells and tissues: a. For cells 1) For adherent cells: culture about  $2 \times 10^7$  -  $5 \times 10^7$  cells, wash with PBS and scrape

Chongqing Biospes Co., Ltd Product Manual

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Preservative: Sodium azide, Thimerosal (Merthiolate)

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Precaution of Use: This product contains Sodium azide, Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Membrane Protein Extraction Reagent A (MER A) 100 ml Store at -20°C for one year. Membrane Protein Extraction Reagent B (MER B) 30 ml Store at -20°C for one year.

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Expiry Date: 12 months

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