

RIPA LYSIS BUFFER**PG-356-100MLL**

RIPA (Radioimmunoprecipitation Assay) Lysis Buffer is a powerful cell and tissue lysis buffer used for the extraction of total proteins from mammalian cells and tissues. It effectively lyses cell membranes and solubilizes cytoplasmic, membrane, and nuclear proteins, making it suitable for downstream applications such as Western blotting, immunoprecipitation, ELISA, and protein quantification assays.

Details

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| Product Name | RIPA Lysis Buffer |
| Description | Ready-to-use protein extraction buffer for efficient lysis of mammalian cells and tissues. |
| Composition | Typically contains Tris-HCl, NaCl, NP-40 or Triton X-100, Sodium Deoxycholate, SDS, and EDTA* |
| Appearance | Clear, colorless liquid |
| pH | 7.4 – 8.0 |
| Sterility | Filter sterilized |
| Storage Condition | Store at 2–8°C |
| Shelf Life | Refer to product label |
| Grade | Molecular Biology / Protein Research Grade |
| Applications / Uses | Protein extraction from cultured cells and tissues, Western blotting, immunoprecipitation (IP), ELISA, protein quantification assays, proteomics research |
| Protein Compatibility | Suitable for extraction of cytoplasmic, membrane, and nuclear proteins |
| Preparation for Use | Protease and phosphatase inhibitors may be added immediately before use if required |
| Safety | Avoid contact with eyes and skin. Some components may cause irritation. Wear appropriate PPE including gloves, lab coat, and safety glasses. Handle according to standard laboratory safety procedures. |

*Exact composition may vary depending on product formulation.