

Phosphoprotein Enrichment Kit

Catalog No.

635624

Amount

6 preps

Lot Number

Specified on product label.

Description

This kit is designed to allow enrichment of phosphoproteins from mammalian cell lysates. Each disposable gravity column is packed with 1 ml of Phosphoprotein Metal Affinity Chromatography (PMAC) resin for enriching phosphorylated proteins from mammalian cell lysates or whole tissue lysates.

Package Contents

- 6 Phosphoprotein Affinity Columns (disposable gravity columns)
- 220 ml Buffer A (Extraction/Loading Buffer)
- 45 ml Buffer B (Elution Buffer)

Storage Conditions

- Store at 4°C.

Expiration Date

- Specified on product label.

Shipping Conditions

- Room temperature

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- TALON PMAC Phosphoprotein Enrichment Kit User Manual

Quality Control Data

Functional test

Columns were tested for the ability to bind phosphoproteins as follows: protein extract from 100–200 mg of chicken muscle was run on a column as described in the User Manual and the resulting eluate was assayed for total phosphate content. Less than 20% of the total phosphate in the original loaded sample was present in the unadsorbed material.

Metal loading analysis

Each lot of PMAC resin is guaranteed to have a trivalent metal loading of $\geq 18 \mu\text{mol/ml}$ of bed volume. The amount of bound metal is determined by atomic spectroscopy.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

Takara Bio USA, Inc.

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