

TALON® PMAC Magnetic Phospho Enrichment Kit

Catalog No.	Amount	Lot Number
635641	Each	Specified on product label.

Description

The kit provides a straightforward, metal affinity-based procedure for isolating microgram quantities of phosphorylated proteins from mammalian cells and tissues. It supplies a complete set of buffers along with phospho-specific magnetic beads for enrichment of all types of phosphoproteins, both cytosolic and membrane-bound, that contain a phosphorylated amino acid side chain—including serine, threonine, or tyrosine.

Package Contents

- 2 x 1 ml TALON Phospho Magnetic Beads
- 110 ml Extraction/Loading Buffer
- 110 ml Wash Buffer
- 80 ml Elution Buffer

Storage Conditions

- Store all components 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
- TALON PMAC Magnetic Phospho Enrichment Kit Protocol-At-A-Glance

Quality Control Data

Metal loading analysis

Each lot of TALON Phospho Magnetic Beads is guaranteed to have a metal loading capacity of >16 $\mu\text{mol/g}$ of beads. The amount of bound metal is determined by atomic spectroscopy.

Functional test

The TALON PMAC Magnetic Phospho Enrichment Kit was functionally tested using α -casein. 200 μl of a 5% suspension of TALON Phospho Magnetic Beads was saturated with α -casein in Extraction/Loading Buffer (pH 6.0). The beads were washed three times with 0.5 ml of Wash Buffer. Bound protein was eluted in Elution Buffer (pH 7.2). TALON Phospho Magnetic Beads were shown to have a binding capacity of >70 μg of α -casein for 200 μl of suspension.

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

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NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

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