

## TALON® Magnetic Beads Buffer Kit

**Catalog No.**  
635638

**Amount**  
Each

**Lot Number**  
Specified on product label.

### Description

A set of equilibration and elution buffers optimized for purifying polyhistidine-tagged proteins using TALON Magnetic Beads. The final pH of the Equilibration/Wash Buffer should be 7.0. Buffer volumes are sufficient for 6 x 1 ml TALON Magnetic Beads (Cat. No. 635637). The kit may be used with Cat. Nos. 635636 & 635637.

### Package Contents

- 60 ml 5X Equilibration/Wash Buffer
- 15 ml 4X Elution Buffer
- 30 ml 1X xTractor™ 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](http://takarabio.com/manuals)  
The following documents apply to this product:

- TALON Metal Affinity Resins User Manual
- TALON Magnetic Beads Protocol-At-A-Glance

### Quality Control Data

The TALON Magnetic Beads Buffer Kit was functionally tested using TALON Magnetic Beads (Takara Bio, Cat. Nos. 635636/635637) and polyhistidine-tagged AcGFP. A 200 µl aliquot of a 5% suspension of TALON Magnetic Beads was saturated with a bacterial polyhistidine-tagged AcGFP lysate in xTractor Buffer (pH 7.2). The beads were washed three times with 0.5 ml of equilibration buffer (1X Equilibration/Wash Buffer, pH 7.0), and then once with 0.5 ml of wash buffer (1X Equilibration/Wash Buffer, pH 7.0, containing 10 mM imidazole). Bound protein was eluted with elution buffer (one part of 4X Elution Buffer diluted with three parts of 1X Equilibration/Wash Buffer, pH 7.0). A sample of eluant was analyzed by electrophoresis to verify the purity of the eluted protein.

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

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