

For Research Use Only

# Halo-Trap Magnetic Agarose, Kit for Immunoprecipitation



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Catalog Number: otmak

## Basic Information

**Catalog Number:**  
otmak

**Applications:**  
IP, CoIP, ChIP, RIP

**Conjugate:**  
Magnetic agarose beads; bead size: ~40 µm (cross-linked 6 % magnetic agarose beads)

**Host:**  
Alpaca

**Type:**  
Nanobody

**Class:**  
Recombinant

## Description

The ChromoTek Halo-Trap Magnetic Agarose Kit consists of an anti-Halo-tag Nanobody (VHH), which is covalently bound to magnetic agarose beads. Halo-Trap Magnetic Agarose Kit is used to immunoprecipitate Halo-tag proteins from cell extracts of various organisms like mammals, plants, bacteria, yeast, insects etc. in the absence or presence of a covalently bound ligand. The interaction between Halo-Trap and the Halo-tag protein is reversible.

## Binding capacity

12.5 µg of recombinant Halo-tag per 25 µL bead slurry

## Specificity/Target

Halo-tag (modified variant of the bacterial haloalkane dehalogenase enzyme from *Rhodococcus rhodochrous*) in the absence or presence of covalently bound chloroalkane-based ligands.

## Elution buffer

SDS sample buffer  
0.2 M glycine pH 2.5

## Affinity ( $K_D$ )

Dissociation constant  $K_D$  of 2 nM

## Storage

**Storage:**  
Upon receipt store at +4°C. Do not freeze!  
**Storage Buffer:**  
20% ethanol

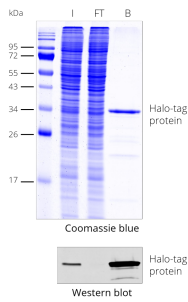
For technical support and original validation data for this product please contact:

T: 4006900926

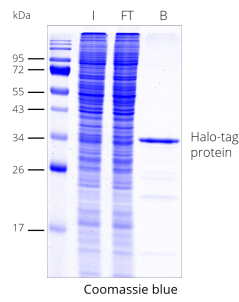
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## Selected Validation Data



Halo-Trap Magnetic Agarose for immunoprecipitation of Halo-tag proteins. HEK293T cell lysate with Halo-tag protein. Coomassie and Western blot. Halo-tag antibody [28A8], monoclonal mouse IgG1 and anti-mouse secondary antibody. I: Input, FT: Flow-Through, B: Bound



Halo-trap Magnetic Agarose for immunoprecipitation of Halo-tag proteins. HEK293T cell lysate with Halo-tag protein. I: Input, FT: Flow-Through, B: Bound