

Catalog Number: ota

21 Publications

## Basic Information

**Catalog Number:**

ota

**Applications:**

IP, CoIP, ChIP, RIP

**Conjugate:**

Agarose beads; bead size: ~ 90 µm (cross-linked 4 % agarose beads)

**Host:**

Alpaca

**Type:**

Nanobody

**Class:**

Recombinant

## Description

Halo-Trap Agarose are affinity beads for IP of Halo-tag proteins. It comprises a Halo-tag Nanobody /VHH conjugated to agarose beads.

## Binding capacity

7.5-10 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

## Wash buffer compatibility

4 M urea, 1 M NaCl, 10 mM DTT, 2 % Nonidet P40 Substitute, 1 % Triton X-100

## Affinity ( $K_D$ )

Dissociation constant  $K_D$  of 2 nM

## Storage

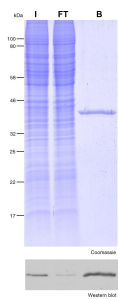
**Storage:**

Upon receipt store at +4°C. Do not freeze!

**Storage Buffer:**

20% ethanol

Selected Validation Data



Immunoprecipitation of Halo-tag protein with Halo-Trap. I: Input, FT: Flow-through, B: Bound.