

Catalog Number: etma

13 Publications

Basic Information

Catalog Number:
etma**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

Spot-Trap® Magnetic Agarose is an affinity reagent for immunoprecipitation (IP) of Spot-tagged proteins. It consists of an anti-Spot-Tag® VHH/ Nanobody that is coupled to magnetic agarose beads.

Binding capacity

17.5 µg of recombinant Spot-tagged protein (~30 kDa) per 25 µL bead slurry

Specificity/Target

Spot-Tag® sequence PDRVRAVSHWSS

Elution buffer

SDS sample buffer
10 mM NaOH pH 12

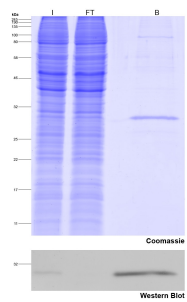
Affinity (K_D)

Dissociation constant K_D of 6 nM

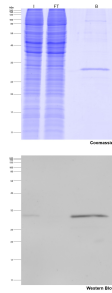
Storage

Storage:
Shipped at ambient temperature. Upon receipt store at 4°C. Stable for one year. Do not freeze!
Storage Buffer:
20% ethanol

Selected Validation Data



Immunoprecipitation of Spot-tagged protein.



Spot-Trap Magnetic Agarose for immunoprecipitation of Spot-tagged proteins: Coomassie blue stained gel and Western blot I: Input, FT: Flow-Through, B: Bound.

	Spot-Trap	Spot-Cap	Spot-Label	Spot V _H H
Immunoprecipitation (IP) / Co-IP / Co-IP/MS	✓			
Protein purification		✓		
Western Blotting			✓	✓
Immunofluorescence			✓	✓

Application of Spot-tag related products.