

Halo Magnetic CoIP Agarose beads

Cat. No. Halo-02A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Immunoprecipitation of Halo-tagged proteins and their interacting factors with anti-Halo Nanobody conjugated to magnetic agarose beads. • Halo Trap recognizes Halo fusion proteins that are already bound to chloralkane-based ligands of the Halo-tag, e.g. dyes, biotin, etc. • Halo-Trap can be used for affinity purification • Bound Halo-fusion protein can be eluted without protease • Structure and function are characterized
Specificity/Target	Halo-tag (modified variant of the bacterial haloalkane dehalogenase enzyme from <i>Rhodococcus rhodochrous</i>) in the absence or presence of covalently bound chloralkane-based ligands.
Binding capacity	12.5 µg of recombinant Halo-tag per 25 µL bead slurry
Conjugate	Magnetic agarose beads; bead size: ~40 µm (cross-linked 6 % magnetic agarose beads)
Elution buffer	SDS sample buffer 0.2 M glycine pH 2.5
Wash buffer compatibility	2 M urea, 2 M NaCl, 10 mM DTT, 2 % Nonidet P40 Substitute, 2 % Triton X-100
Type	Nanobody

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Affinity (KD)	Dissociation constant KD of 2 nM
Storage Buffer	20% ethanol
Applications	IP, CoIP, ChIP, RIP
Western Blot	