
Data Sheet

Selector Control

Catalog No.	N0010
Resin μL	200
Slurry μL	400

Description

Selector Control is a control resin for all Selector resins available from NanoTag Biotechnologies, which are based on 4 % cross-linked agarose beads. It was prepared using the same activation and quenching chemistry that was used for preparation of Selector resins, but is not charged with any single-domain antibody. Selector Control is thus the ideal resin for pre-depletion of extracts or as a side-by-side specificity control for any of NanoTag's Selector resins.

When using as a specificity control, Selector Control and the corresponding sdAb-charged Selector Resin should be used under identical experimental conditions. For an overview about recommended procedures visit our webpage at www.nano-tag.com/protocols.

**To be used *in vitro* / for research only,
not for diagnostic or therapeutic use!**

Non-toxic, non-hazardous, non-infectious.

Properties

Support 4 % cross-linked agarose, bead size 50-150 μm

Coating Same chemistry as for Selector resins, but without immobilized single-domain antibody.

Reactivity In most experimental systems, Selector Control shows negligible non-specific binding to lysate proteins.

Capacity not applicable

Formulation 50 % slurry in PBS containing 20 % Ethanol

Shipment Shipped at ambient temperature

Storage Store at 4 °C, do not freeze

Stability Stable for 12 months

Buffer Compatibility

- Common buffer substances at pH 5 to 9
- 2% Triton X-100, 1% Tween-20, 1% NP-40, 1% CHAPS, 1% Deoxycholate, 0.1% SDS
- 4 M NaCl, 2 M KCl, 1 M MgCl₂, 100 mM EDTA
- 4 M urea
- 10 mM DTT, 10 mM 2-Mercaptoethanol
- RNase A, DNase I, Benzonase, protease inhibitors

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