
Data Sheet

GST Selector

Catalog No.	100 µl resin/ 200 µl slurry N0210-S	1000 µl resin/ 2000 µl slurry N0210-L
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Description

GST Selector is based on a high-affinity single-domain antibody (sdAb) that is covalently immobilized on 4 % cross-linked agarose beads. The innovative, oriented and selective attachment via a flexible linker guarantees a high accessibility of the sdAbs and largely eliminates batch-to-batch variations. Due to the single-chain nature of sdAbs and their stable and covalent attachment, no leakage of light and heavy chains is observed during elution with SDS sample buffer. GST Selector thus features high affinity and superior capacity for GST fusion proteins while showing negligible unspecific background.

GST Selector is compatible not only with physiological buffers but also with high stringency buffers (see "Buffer Compatibility" below). GST Selector thus provides great freedom to adjust the binding and washing conditions to the experimental needs.

For recommended protocols please see 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 μ m
Coating	sdAb anti-GST clone G19
Reactivity	Recognizes <i>Schistosoma japonicum</i> Glutathione S-transferase (GST)
Capacity	> 4 μ g GST per μ l of packed beads
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	• Common buffer substances at pH 5 to 9
Compatibility	• 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 MgCl ₂ , 100 mM EDTA • 4 M urea • 10 mM DTT, 10 mM 2-Mercaptoethanol • RNase A, DNase I, Benzonase, protease inhibitors

For more information please visit our web page at www.nano-tag.com

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