

Streptavidin HP MultiTrap

Product Information

Cat#No# HP-091P

Product Overview

Streptavidin HP MultiTrap can be used for protein enrichment, where a biotinylated antibody (or similar affinity molecule) is attached to the Streptavidin and the protein of interest is enriched through the affinity interaction with the antibody.

Description

Streptavidin HP MultiTrap can be used for protein enrichment, where a biotinylated antibody (or similar affinity molecule) is attached to the Streptavidin and the protein of interest is enriched through the affinity interaction with the antibody. Streptavidin HP MultiTrap can also be used for the direct enrichment of proteins that are biotinylated. By binding a specific biotinylated protein to the column, protein-protein interactions can also be investigated.

Characteristic

Fast, reliable protein enrichment through immobilized biotinylated biomolecules in prepacked 96-well filter plates that are ready to use.

Fast and flexible protocol with elution conditions formatted for both electrophoresis and LC-MS analysis workflows.

Useful for exploiting either the strong interactions of biotin and streptavidin or the somewhat weaker interaction of 2-iminobiotin and streptavidin.

Each well is prepacked with Streptavidin Sepharose High Performance for reproducibility and high performance.

Easy scale-up to Streptavidin HP SpinTrap or HiTrap Streptavidin HP prepacked columns.

MultiTrap 96-well filter plates can be used with centrifugation or vacuum, manually or in automated robotic systems.

Storage

2 - 8°C, 20% Ethanol

Binding buffer

Streptavidin HP MultiTrap

TBS (50 mM Tris, 150 mM NaCl, pH 7.5)

Elution buffer

0.1 M glycine with 2 M urea, pH 3.0

Binding

- Add 200 µl sample in binding buffer per well and incubate on shaker for 60 min.
- Centrifuge for 1 min at 700 × g to wash out unbound protein. Collect flowthrough.

Elution

- Add 200 µl of desired elution buffer and shake for 1 min.
- Centrifuge for 1 min at 700 × g. Perform this step three (3) times total. Collect the eluates in separate collection plates.

Pack size

4

Wash buffer

TBS with 2 M urea, pH 7.5

Resin suspensions in total volumes

50 µl

Centrifugation force recommended

<700 × g

Operating temp. max.

30°C

Operating temp. min.

4°C
