

Biotin-Capture Beads

Cat. No. Avidin-11A **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Biotin-Capture Beads contain modified Avidin that is immobilized on rigid, highly cross-linked beaded agarose possessing high chemical stability. Our modified Avidin provides a substantial improvement over native Avidin. The high affinity to biotin is maintained, while background problems are minimized due to chemical modification on the protein. The Biotin-Capture Beads has proven to be particularly useful in the isolation of antigens and nucleic acids by employing biotinylated antibodies, or nucleic acid probes respectively. Biotin-Capture Beads can be used in numerous additional affinity chromatography applications.

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Matrix Highly cross-linked 4% spherical agarose

Functional group Modified Avidin

Average particle size 40-165 μm

Dynamic binding capacity 2-4 mg biotinylated BSA per ml of beads

Recommended flow rate 1-2 ml/min/cm²

pH working range 2-11

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