

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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| Cat.no | Avidin-11A |
| Matrix | Highly cross-linked 4% spherical agarose |
| Functional group | Modified Avidin |
| Average particle size | 40-165 µm |
| Dynamic binding capacity | 2-4 mg biotinilated BSA per ml of beads |
| Recommended flow rate | 1-2 ml/min/cm ² |
| pH working range | 2-11 |

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