BioBharati LifeScience Pvt. Ltd.

Ni-NTA Agarose Beads

Cat No# BB-NA002A (5 ml)
Cat No# BB-NA002B (10 ml)
Cat No# BB-NA002C (25 ml)
Cat No# BB-NA002D (50 ml)
Cat No# BB-NA002E (100ml)

Bead Diameter: Spherical, 50 - 150µm

Cross-Linked: Yes

Ligand: Nitilotriacetic acid (NTA)

Agarose %: 6%

Binding Capacity: ≥ 50mg 6xHis-tagged protein/ml Beads

Volume %: 50% (v/v) aqueous suspension containing 20% Ethanol

Application: Gravity-based protein purification.

Introduction: Ni-NTA Agarose Resin can be used to purify 6xHis-tagged proteins expressed in *E. coli*. Ni-NTA Agarose Resin consists of cross-linked 6% Agarose, to which Nitilotriacetic acid (NTA) has been coupled. The chelating group is charged with nickel ions (Ni2+). The structure of Ni-NTA is compatible with a range of concentrations of reducing agents, denaturing agents, detergents and other additives. BBL Ni-NTA Agarose can withstand autoclaving at 120°C for 20 min without any significant loss of binding efficiency.

Storage Temperature: 4°C

Expiry: After 18 months from receiving if proper storage condition is followed.