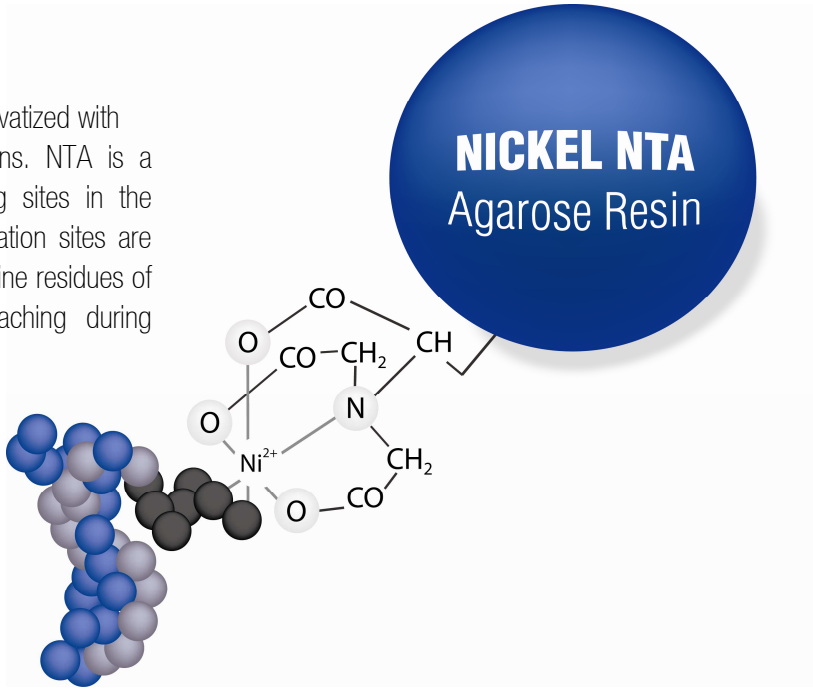
CHELATING AGAROSE NTA BEADS
Bulk Resins

Description

NICKEL NTA Agarose Resin consists of crosslinked agarose derivatized with Nitrilotriacetic acid (NTA) and loaded with divalent nickel ions. NTA is a tetradentate chelator which occupies four of the six binding sites in the coordination sphere of the nickel ion. The other two coordination sites are usually occupied by water molecules and can interact with histidine residues of the recombinant protein. This binding minimizes metal leaching during purification.



- ✓ One step purification.
- ✓ High capacity.
- ✓ Purification under native or denaturing conditions.
- ✓ Minimum metal leaching.

Characteristics

BEAD (Geometry, size)	Spherical, Standard: ~ 50-170 µm
CROSS-LINKED	Yes
AGAROSE %	6% agarose
LIGAND	Nitrilotriacetic acid (NTA)
BINDING CAPACITY	> 50 mg / ml gel[1]
PRODUCT NAME	NICKEL NTA Agarose Resin
CAT. No.	6BCL-NTANi-X
ANTIMICROBIAL AGENT	30% Ethanol
STORAGE TEMPERATURE	4 - 8ºC

* X: Product Quantity (25 or 100 ml)

[1] Binding capacity will differ for each target protein.

For laboratory use only. Not for use in diagnostic or therapeutic procedures.

AGAROSE BEAD TECHNOLOGIES

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