



شرکت

نوآوران زیست گستر ارگ



تولید انواع رزین های کروماتوگرافی
جهت تخلیص ماکرومولکول ها
(پروتئین، آنتی بادی، آنزیم، پپتید و DNA)

Ni Sepharose 6B Fast Flow
&
Ni-NTA Sepharose Fast Flow
histidine-tagged protein purification resin

Sepharose is a tradename for a crosslinked, beaded-form of agarose , a polysaccharide polymer material extracted from seaweed. A common application for the material is in chromatographic separations of biomolecules.

Purifying histidine-tagged proteins by immobilized metal affinity chromatography (IMAC) is a good choice for purification at a variety of scales. Also Nickel (Ni^{2+}) is the most commonly used metal ion in IMAC purifications.

Nickel Sepharose 6B Fast Flow and Nickel-NTA Sepharose Fast Flow is a high binding-capacity IMAC chromatography resin for purifying his-tagged proteins. Specifications of manufactured Nickel Sepharose by Noavaran Zist Gostar ARG Company is as follows :

Related categories	Affinity chromatography, Heparin, IMAC Matrices, Molecular biology chromatography, Protein chromatography, Proteomics
Packaging	5 ml 25 ml 50 ml
Mfr. no	Ni-S54
Sigma equivalent code	GE17-5318-01
Matrix	6% cross-linked agarose
Particle size	40-180 μm
Average diameter	$\sim 90 \mu\text{m}$
Cleaning in place	2-14 (Ni^{2+} -stripped medium.)
Working range	3-12 (Ni^{2+} -stripped medium.)
Capacity	29.5 mg Ni loaded on 1 g sepharose
suitability	Suitable for bioprocess medium

ARG Biotech Co
Purifier Resins for Biotechnology Industry



Ni-S54



Ni-S60

ARG Biotech Co
Purifier Resins for Biotechnology Industry



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