
New England Biolabs Product Specification

Product Name: NEBexpress™ Ni Resin
Catalog #: S1428S
Concentration: 50 % v/v
Shelf Life: 36 months
Storage Temp: 4°C
Storage Conditions: 20% Ethanol
Specification Version: PS-S1428S v1.0
Effective Date: 27 Aug 2019

Assay Name/Specification (minimum release criteria)

<p>Binding Capacity (Resin) - NEBExpress™ Ni Resin (1 ml bed volume) was equilibrated and incubated with 5 ml of crude extract from <i>E. coli</i> containing a plasmid that expresses a His₆-GluRS fusion protein for 15 minutes at 25°C, then washed and the His₆-GluRS fusion protein eluted. Binding capacity was determined to be ≥10 mg of target protein per ml of resin.</p>

<p>Functional Binding Assay (Qualitative, Resin) - NEBExpress™ Ni Resin (1 ml bed volume) was equilibrated and incubated with 5 ml of crude extract from <i>E. coli</i> containing a plasmid that expresses a His₆-GluRS fusion protein for 15 minutes at 25°C, then washed, eluted and evaluated by SDS-PAGE to confirm low non-specific binding of extract proteins and high isolation of target.</p>



Date 27 Aug 2019

Derek Robinson
Director of Quality Control

