

New England Biolabs Certificate of Analysis

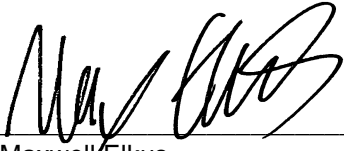
Product Name: NEBExpress® Ni Resin
Catalog Number: S1428S
Concentration: 50 %
Packaging Lot Number: 10229508
Expiration Date: 11/2026
Storage Temperature: 4°C
Storage Conditions: 20% Ethanol
Specification Version: PS-S1428S v1.0

NEBExpress® Ni Resin Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1428SVIAL	NEBExpress® Ni Resin	10213843	Pass

Assay Name/Specification	Lot # 10229508
<p>Binding Capacity (Resin) NEBExpress™ Ni Resin (1 ml bed volume) was equilibrated and incubated with 5 ml of crude extract from E. coli 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>	Pass
<p>Functional Binding Assay (Qualitative, Resin) NEBExpress™ Ni Resin (1 ml bed volume) was equilibrated and incubated with 5 ml of crude extract from E. coli 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>	Pass

This product has been tested and shown to be in compliance with all specifications.

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Maxwell Elkus
Production Scientist
05 Dec 2023



Josh Hersey
Packaging Quality Control Inspector
12 Feb 2024