

New England Biolabs Certificate of Analysis

Product Name: NEBExpress® Ni Spin Columns
Catalog Number: S1427S
Packaging Lot Number: 10226282
Expiration Date: 11/2025
Storage Temperature: 4°C
Storage Conditions: 20% Ethanol
Specification Version: PS-S1427S/L v1.0

NEBExpress® Ni Spin Columns Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1427SVIAL	NEBExpress® Ni Spin Column	10212876	Pass
B1077SVIAL	2M Imidazole	10197450	Pass
B1076SVIAL	2X IMAC Buffer	10197448	Pass

Assay Name/Specification	Lot # 10226282
Binding Capacity (Resin) NEBExpress™ Ni Spin Columns (100 µl bed volume) were equilibrated and incubated with 500 µl 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 ≥1.0 mg of target protein per column.	Pass
Functional Binding Assay (Qualitative) NEBExpress™ Ni Spin Columns (100 µl bed volume) were equilibrated and incubated with 500 µl 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.	Pass

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

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Maxwell Elkus
Production Scientist
17 Nov 2023



Josh Hersey
Packaging Quality Control Inspector
31 Jan 2024