

New England Biolabs Certificate of Analysis

Product Name: NEBExpress® Ni Spin Columns
Catalog Number: S1427L
Packaging Lot Number: 10065880
Expiration Date: 02/2022
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	10066835	Pass
B1077LVIAL	2M Imidazole	10055326	Pass
B1076SVIAL	2X IMAC Buffer	10055324	Pass

Assay Name/Specification	Lot # 10065880
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.



Brad Landgraf
Production Scientist
05 Feb 2020



Michael Tonello
Packaging Quality Control Inspector
21 Feb 2020