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## New England Biolabs Certificate of Analysis

Product Name: Chitin Magnetic Beads

Catalog Number: E8036S
Lot Number: 10045965
Expiration Date: 06/2022
Storage Temperature: 4°C

Specification Version: PS-E8036S/L v1.0

Chitin Magnetic Beads Component List				
<b>NEB Part Number</b>	Component Description	Lot Number	Individual QC Result	
E8036SVIAL	Chitin Magnetic Beads	10045966	Pass	

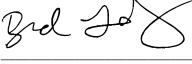
Assay Name/Specification	Lot # 10045965
Functional Binding Assay (Qualitative) Chitin Magnetic Beads ( 25 μl ) were equilibrated and incubated with 500 μl of crude extract from E. coli containing a plasmid that expresses a SNAP-intein-chitin binding domain fusion protein for 1 hour at 25°C, then washed, eluted and evaluated by Tris-Glycine gel to confirm low non-specific binding of extract proteins and high isolation of target.	Pass
Binding Capacity (Magnetic Beads) Chitin Magnetic Beads ( 25 µl ) were equilibrated and incubated with 500 µl of crude extract from E. coli containing a plasmid that expresses a SNAP-intein-chitin binding domain fusion protein for 1 hour at 25°C, then washed and the intein cleaved and target eluted. Binding capacity was determined to be >2 mg of target protein per ml of bed volume.	Pass

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



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Brad Landgraf Production Scientist 12 Jun 2019 Michael Tonello

Packaging Quality Control Inspector

26 Jun 2019

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