

New England Biolabs Certificate of Analysis

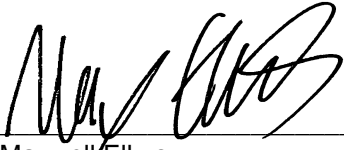
Product Name: Chitin Magnetic Beads
Catalog Number: E8036S
Packaging Lot Number: 10218950
Expiration Date: 11/2026
Storage Temperature: 4°C
Specification Version: PS-E8036S/L v1.0

Chitin Magnetic Beads Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E8036SVIAL	Chitin Magnetic Beads	10212195	Pass

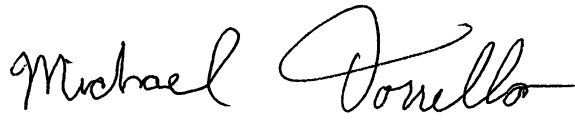
Assay Name/Specification	Lot # 10218950
Binding Capacity (Magnetic Beads) Chitin Magnetic Beads (25 µl) were equilibrated and incubated with 500 µl of crude extract from E. coli containing a plasmid that expresses a SNAP-intein-chitin binding domain fusion protein for 1 hour at 25°C, then washed and the intein cleaved and target eluted. Binding capacity was determined to be >2 mg of target protein per ml of bed volume.	Pass
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

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

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Maxwell Elkus
Production Scientist
19 Oct 2023



Michael Tonello
Packaging Quality Control Inspector
14 Dec 2023