

New England Biolabs Certificate of Analysis

Product Name: *Chitin Magnetic Beads*
 Catalog Number: *E8036S*
 Packaging Lot Number: *10069993*
 Expiration Date: *06/2022*
 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	10045966	Pass

Assay Name/Specification	Lot # 10069993
<p>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.</p>	Pass
<p>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.</p>	Pass

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



Brad Landgraf
Production Scientist
12 Jun 2019



Josh Hersey
Packaging Quality Control Inspector
31 Mar 2020