

## New England Biolabs Certificate of Analysis

*Product Name:* Chitin Magnetic Beads  
*Catalog #:* E8036S/L  
*Lot #:* 0091802  
*Assay Date:* 02/2018  
*Expiration Date:* 02/2021  
*Storage Temp:* 4°C  
*Specification Version:* PS-E8036S/L v1.0  
*Effective Date:* 15 May 2018

Assay Name/Specification (minimum release criteria)	Lot #0091802
<p><b>Binding Capacity (Magnetic Beads)</b> - Chitin Magnetic Beads ( 25 µl ) were equilibrated and incubated with 500 µl of crude extract from <i>E. coli</i> 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 &gt;2 mg of target protein per ml of bed volume.</p>	<b>Pass</b>
<p><b>Functional Binding Assay (Qualitative)</b> - Chitin Magnetic Beads ( 25 µl ) were equilibrated and incubated with 500 µl of crude extract from <i>E. coli</i> 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>	<b>Pass</b>



Authorized by  
Derek Robinson  
15 May 2018



Inspected by  
Michael Sproviero  
09 Feb 2018

