

New England Biolabs Certificate of Analysis

Product Name: *Anti-MBP Magnetic Beads*
Catalog #: *E8037S*
Concentration: *10 mg/ml*
Lot #: *0081609*
Assay Date: *09/2016*
Expiration Date: *09/2019*
Storage Temp: *4°C*
Storage Conditions: *0.02 % NaN₃, 0.1 % BSA, 0.05 % Tween® 20, 1 X PBS, (pH 7.4 @ 25°C)*
Specification Version: *PS-E8037S v1.0*
Effective Date: *10 Aug 2018*

Assay Name/Specification (minimum release criteria)	Lot #0081609
<p>Binding Capacity (Magnetic Beads) - Anti-MBP Magnetic Beads (1 mg) were equilibrated and incubated with 200 µl of crude extract from <i>E. coli</i> containing a plasmid that expresses a MBP5*-paramyosinΔSal fusion protein for 2 hours at 25°C, then washed and the MBP5*-paramyosinΔSal fusion protein eluted. Binding capacity was determined to be >5 µg of MBP5*-paramyosinΔSal fusion protein per mg of beads.</p>	Pass
<p>Functional Binding Assay (Qualitative) - Anti-MBP Magnetic Beads (1 mg) were equilibrated and incubated with 500 µl of crude extract from <i>E. coli</i> containing a plasmid that expresses a MBP5*-paramyosinΔSal fusion protein for 2 hours 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



Authorized by

10 Aug 2018



Inspected by
Michael Sproviero
16 Nov 2016

