

New England Biolabs Certificate of Analysis

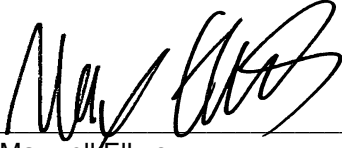
Product Name: *Anti-MBP Magnetic Beads*
Catalog Number: *E8037S*
Concentration: *10 mg/ml*
Packaging Lot Number: *10184911*
Expiration Date: *03/2026*
Storage Temperature: *4°C*
Storage Conditions: *0.02 % NaN₃, 0.1 % BSA, 0.05 % Tween® 20, 1 X PBS, (pH 7.4 @ 25°C)*
Specification Version: *PS-E8037S v1.0*

Anti-MBP Magnetic Beads Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E8037SVIAL	Anti-MBP Magnetic Beads	10180332	Pass

Assay Name/Specification	Lot # 10184911
<p>Binding Capacity (Magnetic Beads) Anti-MBP Magnetic Beads (1 mg) were equilibrated and incubated with 200 µl of crude extract from E. coli 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 E. coli 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

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

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Maxwell Elkus
Production Scientist
20 Mar 2023



Michael Tonello
Packaging Quality Control Inspector
30 Mar 2023