

## New England Biolabs Certificate of Analysis


**Product Name:** Anti-MBP Magnetic Beads  
**Catalog Number:** E8037S  
**Concentration:** 10 mg/ml  
**Packaging Lot Number:** 10088300  
**Expiration Date:** 11/2023  
**Storage Temperature:** 4°C  
**Storage Conditions:** 0.02 % NaN<sub>3</sub>, 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	10088299	Pass

Assay Name/Specification	Lot # 10088300
<b>Functional Binding Assay (Qualitative)</b> 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.	Pass
<b>Binding Capacity (Magnetic Beads)</b> 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.	Pass

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

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Michael Spfoviero  
Production Scientist  
03 Dec 2020



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Michael Tonello  
Packaging Quality Control Inspector  
03 Dec 2020