

New England Biolabs Certificate of Analysis

Product Name: Anti-MBP Magnetic Beads
Catalog Number: E8037S
Concentration: 10 mg/ml
Packaging Lot Number: 10096927
Expiration Date: 02/2024
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	10096926	Pass

Assay Name/Specification	Lot # 10096927
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.	Pass
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.	Pass

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

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Michael Spfoviero
Production Scientist
05 Apr 2021



Michael Tonello
Packaging Quality Control Inspector
05 Apr 2021