

New England Biolabs Certificate of Analysis

Product Name: *Anti-MBP Magnetic Beads*
Catalog Number: *E8037S*
Concentration: *10 mg/ml*
Unit Definition:
Lot Number: *10028279*
Expiration Date: *11/2021*
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	10026401	Pass

Assay Name/Specification	Lot # 10028279
<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.



Brad Landgraf
Production Scientist
31 Oct 2018



Josh Hersey
Packaging Quality Control Inspector
01 Nov 2018