

## New England Biolabs Certificate of Analysis

**Product Name:** SNAP-Capture Magnetic Beads  
**Catalog Number:** S9145S  
**Packaging Lot Number:** 10063229  
**Expiration Date:** 02/2023  
**Storage Temperature:** 4°C  
**Specification Version:** PS-S9145S v1.0

SNAP-Capture Magnetic Beads Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9145SVIAL	SNAP-Capture Magnetic Beads	10063061	Pass

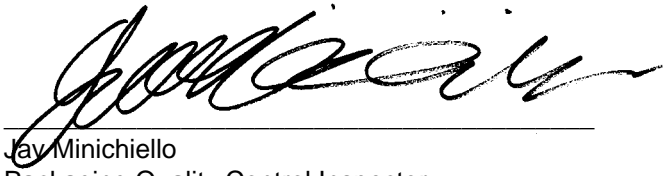
Assay Name/Specification	Lot # 10063229
<b>Binding Capacity (Magnetic Beads)</b> SNAP-Capture Magnetic Beads ( 20 µl ) were equilibrated and incubated with 500 µl of crude extract from E. coli containing a plasmid that expresses a SNAP-intein-chitin binding domain fusion protein for 1 hour at 25°C, then washed and the SNAP-intein-CBD fusion cleaved and eluted. Binding capacity was determined to be ≥1 mg of target protein per ml of bed volume.	<b>Pass</b>
<b>Functional Binding Assay (Qualitative)</b> SNAP-Capture Magnetic Beads ( 20 µl ) were equilibrated and incubated with 500 µl of crude extract from E. coli containing a plasmid that expresses a SNAP-intein-chitin binding domain fusion protein for 1 hour 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.	<b>Pass</b>

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



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Brad Landgraf  
Production Scientist  
21 Feb 2020



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Jay Minichiello  
Packaging Quality Control Inspector  
24 Feb 2020