

## New England Biolabs Certificate of Analysis

**Product Name:** Goat Anti-Rabbit IgG Magnetic Beads  
**Catalog Number:** S1432S  
**Concentration:** 20 mg/ml  
**Lot Number:** 10052392  
**Expiration Date:** 09/2022  
**Storage Temperature:** 4°C  
**Storage Conditions:** 0.02 % NaN<sub>3</sub>, 0.05 % Tween®20, 0.1 % BSA, 1 X PBS, (pH 7.4 @ 25°C)  
**Specification Version:** PS-S1432S v1.0

Goat Anti-Rabbit IgG Magnetic Beads Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1432SVIAL	Goat Anti-Rabbit IgG Magnetic Beads	10056024	Pass

Assay Name/Specification	Lot # 10052392
<b>Binding Capacity (Magnetic Beads)</b> Goat Anti-Rabbit IgG Magnetic Beads ( 1 mg ) were equilibrated and incubated with 200 µl of >0.5 mg/ml Purified Rabbit IgG for 1 hour at 25°C, then washed and the Rabbit IgG eluted. Binding capacity was determined to be >5 µg of Rabbit IgG per mg of beads.	<b>Pass</b>
<b>Functional Binding Assay (Qualitative)</b> Goat Anti-Rabbit IgG Magnetic Beads ( 1 mg ) were equilibrated and incubated with 500 µl of Serum containing Rabbit IgG 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>
<b>Non-Specific DNase Activity (16 hour, Buffer)</b> A 50 µl reaction in Goat Anti-Rabbit IgG Magnetic Bead Storage Buffer containing 1 µg of PhiX174-HaeIII DNA incubated for 16 hours at 37°C results in a DNA pattern free of detectable nuclease degradation as determined by agarose gel electrophoresis.	<b>Pass</b>
<b>RNase Activity (Buffer)</b> A 10 µl reaction in Goat Anti-Rabbit IgG Magnetic Bead Storage Buffer containing 40 ng of a 300 base single-stranded RNA is incubated at 37°C. After incubation for 16 hours, >90% of the substrate RNA remains intact as determined by fluorescent detection.	<b>Pass</b>

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



Michael Spiviero  
Production Scientist  
19 Sep 2019



Josh Hersey  
Packaging Quality Control Inspector  
19 Sep 2019