

New England Biolabs Certificate of Analysis


Product Name: Goat Anti-Rabbit IgG Magnetic Beads
Catalog Number: S1432S
Concentration: 20 mg/ml
Packaging Lot Number: 10077453
Expiration Date: 07/2023
Storage Temperature: 4°C
Storage Conditions: 0.02 % NaN₃, 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	10077454	Pass

Assay Name/Specification	Lot # 10077453
Binding Capacity (Magnetic Beads) 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.	Pass
Functional Binding Assay (Qualitative) 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.	Pass
Non-Specific DNase Activity (16 hour, Buffer) 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.	Pass
RNase Activity (Buffer) 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.	Pass

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.


Michael Spivoviro
Production Scientist
12 Aug 2020


Josh Hersey
Packaging Quality Control Inspector
12 Aug 2020