NEW ENGLAND BioLabs Inc.
be INSPIRED drive DISCOVERY stay GENUINE
240 County Road
Ipswich, MA 01938-2723
Tel 978-927-5054
Fax 978-921-1350
www.neb.com
info@neb.com

New England Biolabs
Certificate of Analysis

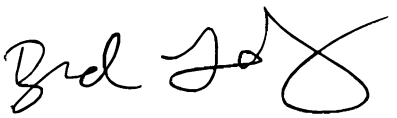
Product Name:	*Oligo d(T)25 Magnetic Beads*
Catalog Number:	*S1419S*
Concentration:	*5 mg/ml*
Lot Number:	*10030452*
Expiration Date:	*11/2021*
Storage Temperature:	*4°C*
Storage Conditions:	*0.02 % NaN3, 0.05 % Tween®20, 1 X PBS, (pH 7.4 @ 25°C)*
Specification Version:	*PS-S1419S v1.0*

Oligo d(T)25 Magnetic Beads Component List			
NEB Part Number	**Component Description**	**Lot Number**	**Individual QC Result**
S1419SVIAL	Oligo $d(T)_{25}$ Magnetic Beads	10028294	**Pass**

Assay Name/Specification	**Lot # 10030452**
Binding Capacity (Magnetic Beads) Oligo d(T)25 Magnetic Beads (500 µg) were equilibrated and incubated with 100 µl of 67 µg/ml rA30 for 15 minutes at 25°C, then washed and the rA30 eluted. Binding capacity was determined to be >5 µg of rA30 per mg of beads.	**Pass**
Functional Testing (mRNA Isolation) Oligo d(T)25 Magnetic Beads were equilibrated and incubated with freshly prepared eukaryotic cell lysate for direct mRNA isolation. The beads were washed and the mRNA eluted. The eluate was evaluated on an Agilent Bioanalyzer and the enriched poly(A)+ RNA contains ≤15% rRNA.	**Pass**
Non-Specific DNase Activity (16 hour, Buffer) A 50 µl reaction in Oligo d(T)25 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 Oligo d(T)25 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.

NEW ENGLAND BioLabs Inc.
be INSPIRED drive DISCOVERY stay GENUINE
240 County Road
Ipswich, MA 01938-2723
Tel 978-927-5054
Fax 978-921-1350
www.neb.com
info@neb.com



Brad Landgraf
Production Scientist
26 Nov 2018

Jason Davis
Packaging Quality Control Inspector
30 Nov 2018