

BSA



1-800-632-7799
info@neb.com
www.neb.com



B9001S 001120415041

B9001S

60 mg Bovine Serum Albumin (100X) Exp: 4/15

10 mg/ml Lot: 0011204 Store at -20°C

Description: Bovine Serum Albumin (BSA) is supplied with some restriction enzymes to prevent adhesion of the enzyme to reaction tubes and pipette surfaces. BSA also stabilizes some proteins during incubation.

We do not recommend using this preparation of BSA as a standard for quantitation purposes or size determination.

Stored in: 20 mM KPO_4 , 50 mM NaCl,
0.1 mM EDTA, 5% glycerol (pH 7.0 @ 25°C).

Quality Controls Assays

16-Hour Incubation: Incubation of 50 μ g of BSA with 1 μ g of ϕ X174 RF I HaeIII digested DNA incubated for 16 hours at 37°C in 50 μ l 1X NEBuffer 2 followed by agarose gel electrophoresis resulted in no detectable nuclease degradation.

RNase Assay: Incubation of 50 μ g of BSA with 1 μ g NEB's RNA Ladder (NEB #N0362) for 1 hour at 37°C in 50 μ l assay buffer [70 mM Tris-HCl, 10 mM $MgCl_2$, 5 mM DTT, (pH 7.6 @ 25°C)] followed by agarose gel electrophoresis resulted in no detectable RNA degradation.

Endonuclease Assay: Incubation of 50 μ g of BSA with 1 μ g ϕ X174 RF I DNA for 4 hours at 37°C in 50 μ l of 1X NEBuffer 2 resulted in < 10% conversion to RF II.

CERTIFICATE OF ANALYSIS

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