

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. The source of purified BSA is a molecular biology grade, protease free, fraction V starting material. This material is then processed to remove nucleases.

Concentration: 10 mg/ml (or other concentration on request)

Storage Conditions: dest. Water

On request: 20 mM KPO₄, 50 mM NaCl, 0.1 mM EDTA, 5% Glycerol, pH 7.0 (25°C)

Storage Temperature: -20°C

Quality Control:

A 16 hour incubation is performed with ΦX174 DNA- HaeIII Digest. This assay checks for endonuclease, exonuclease and binding protein contamination. 16 hour incubation is performed with ΦX174 RFI DNA, as sensitive assay for nonspecific endonuclease and 1 hour incubation with a RNA ladder is performed

Note:

- It is do not recommend using this preparation of BSA as a standard for quantitation purposes or size determination.
- The BSA should be diluted 1:100 for standard reactions. At this level the buffer from the BSA have a very small effect, only.

Order Information

Prod. No.	Description	Quantity
2909-005	BSA (Bovine Serum Albumin; 10 mg/ml, MBG) in NEB-buffer	4 x 1.5 ml
2909-005W	BSA (Bovine Serum Albumin; 10 mg/ml, MBG) in water buffer	4 x 1.5 ml