

Datasheet**Bovine Serum Albumin****Cell Culture Reagent**

Product	Description	Catalogue-No.	Size
BSA 30% Solution	Bovine Serum Albumin (BSA), Fraction V 30% Solution in PBS	P06-10200	100 ml

Product description

BSA 30% solution is prepared from BSA, Fraction V. The molecular weight of BSA is 66,430 Da. BSA is a single polypeptide chain consisting of about 583 amino acid residues and no carbohydrates. At pH 5-7 it contains 17 intrachain disulfide bridges and 1 sulfhydryl group.

Albumins serve as additive proteins for tissue cultures. They are the main protein component in serum and are added to cell culture media to increase the stability of cell membranes and to bind possible toxic elements. It also binds fatty acids, bilirubin and hormones.

Storage conditions

Storage: -20 °C
Stability: 2 years from date of production
Filling: 100 ml, other sizes on request

Composition

BSA 30% solution is a solution in PBS produced from Bovine Serum Albumin, Fraction V.

Suitability

BSA 30% solution is suitable for use as a protein stabilizer for antibody and enzyme storage as well as a diluent or blocking agent for ELISA and Western Blot techniques.

Special advantages

- Highly purified solution absent of chemical and microbial contamination
- Bovine serum albumins increase the stability of cell membranes and bind possible toxic elements
- Ready-to-use solution
- Manufactured under conditions certified to ISO 9001

Technical support

For technical support, questions or remarks please contact your local PAN-Biotech partner or the technical department of PAN-Biotech via email (info@pan-biotech.com) or phone +49-8543-601630.

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