

Datasheet

Bovine Serum Albumin

30% Solution, Low Salt

Product	Description	Catalogue-No.	Size
BSA 30% Solution	Bovine serum albumin, 30% Solution, low Salt	P06-138110	100 ml
		P06-138150	500 ml
		P06-138101	1000 ml
		P06-138111	10 L

Product description

BSA 30% solution low salt is an optimized solution with added albumin polymers for increased avidity. 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 possibly toxic elements. It also binds fatty acids, bilirubin and hormones.

Storage conditions

Storage: 2-8 °C

Stability: see Certificate of Analysis

Filling: 100 ml, 500 ml, 1000 ml, 10L other sizes on request

Composition

BSA 30% solution low salt is a preserved solution free of caprylate with additional albumin polymers for increased avidity. The clear pale green to amber brown solution is processed under conditions to minimize sodium and chloride concentrations.

Suitability

BSA 30% solution low salt is suitable for use as a protein stabilizer for antibody and enzyme storage as well as a diluent for ELISA techniques.

Special advantages

- Highly purified solution absent of chemical and microbial contamination
- Careful polymeric addition for increased avidity
- Low electrolyte concentration
- 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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