

Datasheet**Bovine Serum Albumin****Fatty acid free**

Product	Description	Catalogue-No.	Size
BSA	Bovine serum albumin, US Origin, fatty acid free, lyophilized powder	P06-139405	5 g
		P06-139410	10 g
		P06-139450	50 g

Product description

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.

The molecular weight of BSA is 66,430 Da

Storage conditions

Storage: 2-8 °C

Stability: 3 years from date of production

Filling: 5 g, 10g, 50g, other sizes on request

Suitability

BSA fatty acid free is suitable for used for immunodiagnostic assays such as EIA, RIA and ELISA

Special advantages

- Highly purified with low fatty acid level
- Protein stabilizer for antibody or enzyme storage
- Diluent or blocking agent for ELISA and Western Blot techniques
- Manufactured under cGMP in USDA-registered plant

Prepared from bovine plasma or serum obtained from cattle less than 30 month old which have received ante and post mortem inspection by US veterinary service inspectors in USDA inspected facilities.

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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