

Datasheet**Bovine Serum Albumin****Protease Free, Lyophilized Powder**

Product	Description	Catalogue-No.	Size
BSA	Bovine serum albumin, protease free, lyophilized powder	P06-139205	5 g
		P06-139210	100 g
		P06-139200	1000 g

Product description

BSA Protease free is an off-white, 98% minimum, lyophilized BSA powder adjusted to pH 7.0 processed to be essentially free of any detectable protease.

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: 3 years from date of production

Filling: 5g, 100 g, 1000 g, other sizes on request

Suitability

BSA protease free is suitable for diagnostic reagent manufacturing and used for immunodiagnostic assays such as EIA, RIA and ELISA blocking systems. It is also a model protein used for blood banking reagents.

Special advantages

- Highly purified product absent of protease
- Highly soluble, crystalline powder that forms clear, particle-free solutions with water
- Manufactured under conditions certified to ISO 9001
- Each lot individually virus tested

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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