

## Datasheet BSA Fraction V

### Bovine Serum Albumin

Product	Description	Catalogue-No.	Size
BSA	Bovine Serum Albumin (BSA) Fraction V	P06-1391050	50 g
		P06-1391100	100 g
		P06-1391500	500 g

#### Product description

Bovine serum albumins are the main protein component in serum. The highly purified BSA is the Fraction V of bovine blood.

#### Storage conditions

Storage: 2-8 °C  
Stability: 3 year from date of production  
Filling: 50 g, 100 g, 500 g, other sizes on request

#### Composition

The lyophilized BSA powder is initially fractionated through a modified heat-shock procedure and further purified by isolation from other plasma proteins, lipids and extraneous ions by extensive diafiltration and ion-exchange steps.

#### Suitability

BSA can be used in a serum-free cell culture. It is added to the media to increase the stability of cell membranes and to bind possibly toxic elements. Furthermore BSA is suitable for virus production and hybridoma culture and is used as protein standard and blocking agent.

FOR RESEARCH USE ONLY!

Not approved for human or animal diagnostic or therapeutic procedures.

#### Instructions for Use

Before using in cell culture BSA has to be solved in water. Maximum concentration should not be higher than 30 %. Afterwards the solution must be sterile filtered with a minimum pore size of 0.2 µm.

#### Technical Support

Additional information will be available on our website: [www.pan-biotech.com](http://www.pan-biotech.com)

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](mailto:info@pan-biotech.com)) or phone +49-8543-601630