

## Product Information

Bovine Serum Albumin, Standard Grade

Cat. No. BSA-1U (50 g), BSA-1S (100 g), BSA-1V (250 g), BSA-1T (500 g), BSA-10KG (10 kg)

### General Information

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Bovine Serum Albumin (also known as BSA or "Fraction V") is a serum albumin protein derived from bovine blood. It is purified and fractionated through a certain heat-shock procedure followed by extensive diafiltration and ion-exchange to remove other plasma proteins, lipids and extraneous ions.

BSA has numerous biochemical applications including ELISAs (Enzyme-Linked Immunosorbent Assay), immunoblots, and immunohistochemistry. It is also used as a stabilizer and cell growth supplement in cell and microbial cultures.

#### Applications

- Serum-free cell culture
- Additive for hybridoma cell culture
- Protein stabilizer
- Blocking agent

### Product Specifications

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Appearance	White to off-white powder
Application	Before Application in cell culture, prepare a sterile filtered stock solution in PBS or water.
CAS No.	9048-46-8
Molecular weight	66 kDa
Storage	Store at +2°C to +25°C in dry conditions protected from light.
Shipping conditions	Ambient

### Precautions and Disclaimer

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This product is for research use only. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Help Needed?

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If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email ([techservice@capricorn-scientific.com](mailto:techservice@capricorn-scientific.com)) or phone (+49 6424 944640).