

Bovine Serum Albumin, Standard Grade, pH 7.0, Origin USA

General information

Bovine Serum Albumin(also known as BSA or "Fraction V") is a serum albumin protein derived from bovine blood .It is often used as a protein concentration standard in lab experiments.

Term "Fraction V" refers to albumin being the fifth fraction of the original Edwin Cohn purification methodology that makes use of the differential solubility characteristics of plasma proteins.

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.

Product specifications

Appearance	White or 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

Applications

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

Precautions and disclaimer

This product is for research use only.

Ordering information

Catalogue number	Pack size
LTSAV500	500 g
LTSAV100	100 g
LTSAV50	50 g

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