



UAB "LT Biotech"

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**Bovine Serum Albumin, Fraction V, pH 7.0, Origin USA 100 g LTSAV100 Bovine
Serum Albumin, Fraction V, pH 7.0, Origin USA 500 g LTSAV500 Bovine Serum
Albumin, Fraction V, pH 7.0, Origin USA 50g LTSAV50**

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.

The 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.

Applications

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

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

Precautions and Disclaimer

This product is for research use only.