

Product Data Sheet

Bovine Serum Albumin Standard Grade, pH 7.0, Origin USA
Product No. GB-BSA-100G, GB-BSA-500G,

Product Description

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.

BSA Fatty Acid Free has extremely low levels of total lipids and fatty acids and makes it suitable for various applications in which lipids and fatty acids may interfere.

BSA Protease Free is particularly suitable for applications with protease sensitive protein components.

Applications

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

Product Specifications

Molecular Weight	66 kDa	
CAS No.	9048-46-8	
pH	6.0 - 7.5	
Protein	≥96.0 %	
Purity	≥98.0 %	
Fatty Acids	≤0.01 %	(for BSA fatty acid free)
Protease Activity	≤0.01 Units/mg	(for BSA protease free)
Endotoxin	≤5 EU/mg	
IgG	None detected	
Moisture	≤3.0 %	



GOSLAR BIOTECH
Your Partner in Sera

Heavy Metals	≤2.0 ppm
Storage	Shipped at ambient temperature. Store at +2°C to +25°C in dry conditions.
Application	Before Application in cell culture, prepare a sterile filtered stock solution in PBS or water.

Precautions and Disclaimer

This product is for research use only.