

Product Information

Bovine Serum Albumin, Diagnostic Grade, pH 7.0
Cat. No. BSA-DG-50G, BSA-DG-100G, BSA-DG-500G

General Information

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.

This Diagnostic Grade Powder is designed to minimize analytes that causes background interference. Accordingly, this BSA can be used for sensitive immunoassays including ELISAs (Enzyme-Linked Immunosorbent assay), immunoblots and immunohistochemistry and as a stabilizing agent for protein reagents.

Applications

- Immunodiagnostic assays
- Protein concentration standard
- Blocking agent
- Protein stabilizer

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
Shipping conditions	Ambient
Storage	Store at +2°C to +25°C in dry conditions protected from light.

Precautions and Disclaimer

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

Help Needed?

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) or phone (+49 6424 944640).