

Bovine Serum Albumin (BSA)

Catalogue No.: abx060935

Bovine serum albumin (also known as BSA or "Fraction V") is a globular protein used extensively as a carrier protein to dilute antibodies. Because it is a small, stable, moderately non-reactive protein, it is often used as a general protein blocking agent in immunoassays and immunodetection protocols. BSA immunoassay applications include ELISA (Enzyme-Linked Immunosorbent Assay), immunoblots (western blot and dot blot), and immunocytochemistry (immunohistochemistry and immunofluorescence microscopy). Bovine BSA Standard Powder Protein is a purified protein or bioactive peptide.

Target:	Bovine Serum Albumin (BSA)
Origin:	Cow
Tested Applications:	ELISA, WB, IHC
Host:	Cow
Recommended dilutions:	Suitable for use in ELISA, WB and IHC-F, not tested in IHC-P. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 96% Albumin: 99% (Agarose Electrophoresis) Protein 99% (Biuret) Moisture: < 2.0% Ash: < 2.0% Heavy Metals: < 0.1 ppm (Lead) Tested negative for Blue Tongue Virus and Vesicular Stomatitis Virus.
Purification:	Purified by a proprietary heat-shock process.
Storage:	Store lyophilized between 2-8 °C. After reconstitution, aliquot and store between -15 and -25 °C. Avoid repeated freeze/thaw cycles.
Buffer:	pH: 7.0. Does not contain preservatives.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.
Directions for use:	Centrifuge before opening to ensure complete recovery of vial contents.