

Bovine Serum Albumin (BSA) Protein

Catalogue No.: abx260030

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). It can also be used in culture media and in chromatographic applications.

Target:	Bovine Serum Albumin (BSA)
Expression:	Native
Host:	Cow
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 97%
Reconstitution:	It is recommended to reconstitute the lyophilized BSA in sterile 18 MΩ · cm H ₂ O for 20 minutes at room temperature to a concentration of up to 200 mg/ml.
Storage:	Store lyophilized at 2°C to 8°C. After reconstitution, aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P02769 (UniProt , ExPASy)
Gene Symbol:	ALB
GeneID:	280717
KEGG:	bta:280717
String:	9913.ENSBTAP00000022763
Sequence Fragment:	Contains 583 amino acid residues derived from the prototypical bovine serum albumin sequence.
Buffer:	Not applicable.
Activity:	Not tested
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.