

Bovine Serum Albumin (BSA)

**Simplify Your Research
with BioVision's BSA**



BioVision's BSA

Multiple Forms: Solid & 30% Solution

Multiple Grades: Standard, Reagent, Immunoassay & Diagnostic

Multiple Types: Fraction V from Cohn Cold Ethanol Precipitation
Heat Shock precipitated form

Multiple Versions: Low endotoxin, Protease free, Fatty acid low/
free

Modified BSA: AGE-BSA and Glucose AGE-BSA II, Biotinylated
BSA

Bovine Serum Albumin (BSA) is the most commonly used carrier protein, especially in dilute protein solutions which need the additional support to help them survive non-native storage conditions. Apart from this, BSA can also be **used in various immunology, biochemistry and biotechnology applications**. BioVision has recently launched numerous versions of BSA as below to match all your research needs.

BSA	Catalog #	Sizes	Applications/Salient Features
Standard Grade	7904	5 g, 25 g, 100 g	<ul style="list-style-type: none"> • Can be used in most systems which do not require a protease free or enzyme free reagent. • Ideal for making diluents, controls and calibrators/standards. • Excellent solubility and ease of filtration • Can be used as a nutrient in growth media for the manufacture of veterinary vaccines and in the Treponema pallidum immobilization test. • Can serve as a stock solution for using BSA in immunodiagnostic assays. • Can be used as the standard solution for serological applications.
	7905	5 g, 25 g, 100 g	
	7914	100 ml, 500 ml	
	7915	5 g, 25 g, 100 g	
	7916	5 g, 25 g, 100 g	
Fatty Acid Low/ Free Grade	7907	5 g, 25 g, 100 g	<ul style="list-style-type: none"> • Normally used in Serum Free Media as a carrier protein for trace elements, fatty acids, hormones and growth factors. • Allows the formulation of albumin with specific fatty acids to enhance cell culture system performance. • A preferred alternative in assays where the presence of lipids or fatty acids compromises hormone or cholesterol readouts. • Good for serology applications. • Good for studies in binding and transport.
	7908	5 g, 25 g, 100 g	
	7912	5 g, 25 g, 100 g	
	7913	5 g, 25 g, 100 g	
	7921	5 g, 25 g, 100 g	
Low endotoxin Grade	7909	5 g, 25 g, 100 g	<ul style="list-style-type: none"> • Designed for a variety of bacterial and mammalian cell culture applications. • Used as a protein supplement in serum-free media for tissue culture. • Promotes and sustains cell growth without toxic effects. • Goes into solution rapidly to form a clear and easily filterable solution.
	7910	5 g, 25 g, 100 g	
	7922	5 g, 25 g, 100 g	

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BSA	Catalog #	Sizes	Applications/Salient Features
Immunoassay Grade	7906	5 g, 25 g, 100 g	<ul style="list-style-type: none"> • Can be used in most systems which do not require a protease free or enzyme free reagent. • Ideal for making diluents, controls and calibrators/standards. • Applicable as a protein base in diagnostic reagents or where no proteolytic activity is essential. • Reconstitutes easily into an optically clear and easily filtered solution.
	7911	5 g, 25 g, 100 g	
Reagent Grade	7917	5 g, 25 g, 100 g	<ul style="list-style-type: none"> • Nutrient in tissue culture media. • Protein standard. • Negative for globulins that may interfere with assays.
Diagnostic Grade	7918	5 g, 25 g, 100 g	<ul style="list-style-type: none"> • Nutrient in tissue culture media. • As a protein standard, diluent, conjugate or enzyme stabilizer. • For high-sensitivity immunoassays, cell culture and hybridization studies. • Contains low or non-detectable levels of endotoxin, bioburden and Bovine IgG.
Protease Free	7917	5 g, 25 g, 100 g	<ul style="list-style-type: none"> • Excellent in RIA and ELISA and as a diluent or blocking agent. • Cell culture production of proteins sensitive to protease activity. • No detectable protease activity.
Protease and DNase Free	7917	5 g, 25 g, 100 g	<ul style="list-style-type: none"> • Excellent in RIA and ELISA and as a diluent or blocking agent. • No detectable protease and DNASE activity.
AGE-BSA	2221	10 mg	<ul style="list-style-type: none"> • Modified with glucose for highest biological activity • Can be paired together for competitive ELISA • Low endotoxin level.
	2223	10 mg	<ul style="list-style-type: none"> • Can be used for studies of some AGE related research. • Glycated BSA shows a 7000% increase in fluorescence in compared to control BSA.
Biotinylated BSA	7097	5 mg, 25 mg	<ul style="list-style-type: none"> • Positive control in biotin estimation assays. • Competitive inhibitor for anti-biotin antibodies.
	7098	5 mg, 25 mg	
	7099	5 mg, 25 mg	

In addition, most of these forms of BSA can also be used for/as:

- Protein supplementation/small molecule's carrier in cell culture protocols.
- Stabilization of enzymes & proteins to prevent proteolysis & denaturation.
- Effective scavenger for removal of toxic substances like pyrogens from media.
- Increase PCR yields from low purity templates.
- Prevent adhesion of enzymes to reaction tubes & tip surfaces.
- Carrier protein in preparing immunogens for antibody production.

Please visit www.BioVision.com for a comprehensive overview on these products!!

Did not find what you were looking for? Email us at sales@biovision.com and one of our representatives will contact you to discuss your specific research needs.