

Probumin® Bovine Serum Albumin (BSA)

Engineered for reliability in your manufacturing procedures

Albumin is one of the most extensively utilized proteins in the medical industry. Its availability, inherent stability, and ligand binding capability make albumin a critical raw material in the development and production of many diagnostic tests.

With over 65 years of protein fractionation expertise, we are an experienced manufacturer of consistent bovine serum albumin products for the diagnostic and cell culture markets. Our proprietary heat shock and cold solvent fractionation processing technology allows for the delivery of products with high-quality, performance, and reliability.

When ordering our Probumin® BSA products you can rely on:

- **High-quality and reliability**
 - Assurance of consistency in performance and supply
- **Proprietary heat shock and cold solvent fractionation process**
 - Optimizes the protein yield, purity, and efficacy of BSA
 - Large batch capacity
- **Safe serum sourcing from USDA-licensed facilities**
 - Exclusively from U.S. cattle

High-Quality and Reliability

We understand that BSA is a critical raw material in the development of your manufacturing procedures, and that you need a product you can rely on time after time. Recognizing that consistency is key, our production facility in Kankakee, Illinois operates under ISO9001:2015 guidelines and follows (EU) No. 142/2011 facility numbers in compliance with European regulations as well.

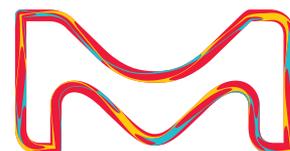
Each lot of our BSA is accompanied by a Certificate of Analysis and Certificate of Origin detailing our comprehensive product testing and specification. We can also provide an EDQM Certificate of Suitability upon request.

Raw Material Sourcing

Products of bovine origin carry an inherent risk of contamination with certain adventitious agents and bovine spongiform encephalopathy (BSE). Every raw material used to manufacture Probumin® BSA products are exclusively derived from U.S.-sourced cattle that are under 30 months of age. The U.S. is recognized by the OIE as having a negligible risk of BSE contamination in accordance with Chapter 11.4 of the Terrestrial Code and is free from rinderpest, foot-and-mouth disease, and contagious bovine pleuropneumonia.

In addition, to ensure the most comprehensive mitigation of these risks, we follow strict guidelines for the procurement of raw materials.

- All ruminant materials used for manufacture originate from non-BSE-related herds.
- Animals receive both ante- and post-mortem veterinary health inspection
- The abattoir is a USDA-licensed facility
- The record of each raw material is incorporated into the manufacturing records
- Veterinary certificates are maintained on file at the manufacturing facility



Key Product Information for Diagnostics

All of our listed Probumin® BSA products are fit for use as blockers, protein/antibody (conjugate) stabilizers, and in immunoassays (EIA, RIA and serology systems). The following products are recommended for your manufacturing procedures

Code	Product	Format	Attributes
81-003	Universal Grade	<ul style="list-style-type: none">• Powder (1 kg, 5 kg, 100 g)	<ul style="list-style-type: none">• Standard product• Wide range of utility
82-045	Diagnostic Grade	<ul style="list-style-type: none">• Powder (1 kg, 5 kg, 100 g)• Solution (1 L, 50 mL)	<ul style="list-style-type: none">• Most popular product• Processed to eliminate or reduce proteases
81-066	Reagent Grade	<ul style="list-style-type: none">• Powder (1 kg, 5 kg, 100 g)	<ul style="list-style-type: none">• Reduced heavy metals• Reduced fatty acids• Low molecular weight impurities
82-100	Life Science Grade	<ul style="list-style-type: none">• Powder (1 kg, 5 kg, 100 g)	<ul style="list-style-type: none">• Highly monomeric• Low endotoxin• Low protease• Low fatty acid• Essentially globulin free
82-002	Fatty Acid Free	<ul style="list-style-type: none">• Powder (1 kg, 5 kg, 100 g)	<ul style="list-style-type: none">• Processed to eliminate or reduce fatty acids

To place an order or receive technical assistance in the U.S. and Canada, call toll-free 1-800-645-5476
For other countries across Europe and the world, please visit: [EMDMillipore.com/offices](https://www.emdmillipore.com/offices)
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