

# Bovine Serum Albumin

## Fatty-Acid Free, Azide Preserved, Salt Adjusted Solution

SKU 68650

### SCIENTIFIC ANALYSIS

ATTRIBUTE	SPECIFICATION	TYPICAL
Protein	28% to 32%	28% to 32%
pH	6.5 to 7.5	6.5 to 7.5
Sodium Chloride	0.55–0.75g/dL	0.55–0.75g/dL
BIGG	None Detected	None Detected
Microbial Content	<10 cfu/mL	<10 cfu/mL

Preserved with sodium azide 0.08 to 0.12%.

### PRODUCT BENEFITS

- High Purity, Low Interference, Low Background
- No Detectable IgG, Endotoxin, Enzyme or Protease Activity
  - Ensures assay integrity and component stability
- Superior Solubility/Filterability for Ease of Use

### PROCESS BENEFITS

- Origin Traceability to Facilitate Regulatory Approval
- Closed-Loop Manufacturing\*
  - Eliminates the possibility of contamination and maximizes reproducibility
- Product Development and Technical Services designed for maximum responsiveness and flexibility

### APPLICATIONS

- In-vitro diagnostics (IVD)
- Cell and microbial systems
- Protease-sensitive immunoassays such as:
  - RIA
  - EIA
  - Fluorescent
  - Chemiluminescent

### QUALIFICATIONS

- Manufactured from USDA-inspected bovine plasma
- Validated for Prion (TSE) Clearance
- USDA/APHIS Registered for Shipment to the EU
- Manufactured according to FDA cGMPs
- TSE Certificate of Suitability

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## DESCRIPTION

Proliant Bovine Serum Albumin (BSA) solutions are high purity, “Fraction V” solutions derived from the plasma of USDA inspected healthy animals from abattoirs located in the United States and New Zealand.

Proliant Fatty-Acid Free, Azide Preserved, Salt Adjusted solution is processed to improve blocking uniformity, increase sensitivity, and provide consistent assay performance on your most critical applications.

## PHYSICAL CHARACTERISTICS

Proliant BSA solutions are a clear-to-slightly hazy and virtually particulate-free solution.

## PACKAGING

Standard package sizes are 10L and 1L. Sample sizes of 100 mL are available for evaluation.

PACKAGE	SIZE
Standard	1L and 10L
Sample	100 mL

## STORAGE RECOMMENDATIONS

Store at 2 to 8°C for up to 3 years from the date of manufacture.

## ORDERING INFORMATION

Please order by referencing:

10L:	68650
1L:	68650-1L

\*Proliant's unique **Closed-Loop** Manufacturing means that we collect only in exclusive abattoirs with our own USDA approved proprietary collection system. No other manufacturer can claim this important closed link, as they must buy their raw material from outside sources and the spot market. What's more, from the time our product enters our tankers to the moment it is loaded into the dryers, the product is not exposed to the external environment. Once the raw material reaches our cGMP plant, the material is loaded directly into our process and manufactured through a series of closed tanks, lines, filters and separation equipment. In our plant there are no exposed filter presses or open tanks, nor is any non-food grade or noxious solvent material introduced into the process. There is also no possibility of contamination with other animal-derived products or bovine tissues in our completely dedicated facility.