

AlbuRich: Lyophilized Powder

DESCRIPTION

AlbuRich Lyophilized BSA Powders are designed for a wide variety of cell culture applications. These include defined media supplementation, FBS reduction strategies, vaccine and mammalian cell culture production.

Proliant's BSA contains the industry's lowest level of contaminants that can interfere with FFA binding and delivery for in vitro systems. Knowing the variety of proprietary media formulations in the cell culture market, the foundation of Proliant's AlbuRich product line is to offer a range of products that work with customers current media formulations. The AlbuRich product line offers a variety of options depending on fatty acid and cholesterol content required for various applications. By utilizing the AlbuRich sample pack, customers have the ability to focus on research and easily identify the optimal BSA for specific cell culture applications.

APPLICATIONS

Mammalian Cell Culture
Vaccine Production
Leptospira Manufacturing
Malaria, Babesia and H. Pylori Antigen Production

FEATURES / BENEFITS

- High Purity, Low Interference, Low Background
- No Detectable Protease Activity – Ensures Assay Integrity
- Origin Traceability – Facilitate Regulatory Approval
- “Closed Loop” Manufacturing* – Minimizes Contamination and Maximizes Reproducibility.
- Product Development and Technical Services designed for maximum responsiveness and flexibility
- Manufactured from MPI-inspected Bovine Plasma
- Manufactured According to cGMPs.

SCIENTIFIC ANALYSIS

	Specification
Solubility	Clear to slightly hazy; faint yellow to yellow-green powder
Protein	≥96.0%
Purity	≥ 98%
Moisture	≤ 5.0%
pH	6.5 to 7.5
blgG	None Detected
Lipid Content	
AlbuRich PG	N/A
AlbuRich P140	≥ 2.5 µg Total/mg
AlbuRich PRP	≥ 2.5 µg Total/mg
Protease	≤ 0.005 Units/mg
Microbial Content	≤ 100 cfu/g
Endotoxin	≤ 3 EU/mg
9CFR Viral	Negative
Mycoplasma	Negative

PHYSICAL CHARACTERISTICS

Proliant Bovine Serum Albumin is a clear to slightly hazy and virtually particulate-free solution.

PACKAGING

Samples for evaluation purposes are offered in 50g.

STORAGE RECOMMENDATIONS

Store chilled (2-8 degrees Celsius) up to 3 years from the date of manufacture.

ORDERING INFORMATION

Please order by product name and specify the preferred packaging size.

AlbuRich PG	AlbuRich P140	AlbuRich PRP
AlbuRich PG provides fatty acid free BSA as a base BSA for further enrichment of cell culture media.	AlbuRich P140 utilizes fatty acid free BSA with pre-analyzed polysorbates to bring specific fatty acids to consistent levels.	AlbuRich PRP utilizes fatty acid free BSA with pre-analyzed polysorbates, cholesterol, and micronutrients, to bring specific fatty acids to consistent levels.