

Chromatographically Purified Bovine Albumins

Bovine albumins are the major protein found in bovine plasma. With applications in cell culture, molecular biology, diagnostics, serology and general research, bovine albumins are extremely important products, especially in purified form. Alfa Aesar now offers a chromatographically purified form of bovine albumin ideally suited for all of the applications stated above. These albumins are manufactured in New Zealand, ensuring the most controlled environment, free of Bovine Spongiform Encephalopathy (BSE, or mad-cow disease) contamination.

These albumins are produced by a full chromatographic process without heat-shock, ethanol or caprylic acid being used during the manufacturing process. This leads to more intact proteins and less inhibitors for cell culture performance. Additionally, these albumins can be produced in large batch sizes, providing more consistent performance and less need for repeated testing. The bovine albumin is produced by a desalting process and further purified by aqueous ion-exchange chromatography, ensuring that the material is not exposed to organic solvents or denatured by traditional heat-shock or ethanol extraction processes.

Alfa Aesar now offers several forms of bovine albumins for specific applications, including the following:

Low Endotoxin Albumins are the preferred material for cell and tissue culture work, as a carrier in serum-free media and as a nutritional supplement.

Low IgG Albumins are the best choice for monoclonal antibody production, for Southern and Northern blotting procedures as a blocking agent for EIA and RNA immunoassay work.

Low Fatty Acid Albumins are ideal for in vitro embryo work as well as a nutritional additive and surfactant for embryo transfer techniques.

Item	Description	Sizes
J65189	Albumin, Bovine, RIA Grade, Chromatographically purified	10g, 50g, 100g
J65030	Albumin, Bovine, Low Endotoxin, Cell Culture Grade, Chromatographically purified	10g, 25g, 50g, 100g
J65400	Albumin, Bovine, Low Fatty Acid, Chromatographically purified	10g, 25g, 50g, 100g
J65470	Albumin, Bovine, Low IgG, Chromatographically purified	10g, 25g, 50g, 100g, 500g
J64912	Albumin, Bovine, Protease-free, Chromatographically purified	25g, 100g, 500g
J64777	Albumin, Bovine, Standard Grade, Chromatographically purified	50g, 100g, 500g

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Not for human consumption or treatment*