

Product Information

Albumin, Bovine

Three primary methods are routinely used to prepare Fraction V albumin from citrated bovine plasma. These methods are cold alcohol precipitation, heat shock, and salt fractionation. The Fraction V preparations that result from any one of the methods can be further purified by various means to obtain albumins with desired characteristics. The following table lists the specifications of Sigma cell culture tested albumins:

<u>Product Number</u>	<u>Initial Fractionation</u>	<u>Further Purification</u>	<u>Special Features</u>	<u>Physical Form</u>	<u>Primary Application</u>
A 9418	Cold alcohol precipitation			Powder	General cell culture
A 3156	Cold alcohol precipitation	Crystallization	Globulin-free Sterile	Powder	Antibody purification
A 4161	Cold alcohol Precipitation	Crystallization	Globulin-free	Powder	Antibody purification
A 4919	Cold alcohol		Low endotoxin	Powder	Mitogenic assays Lymphokine assays
A 1933	Chromatographic fractionation		Low endotoxin	Powder	Mitogenic assays Lymphokine assays
A 2058	Chromatographic fractionation		Low endotoxin IgG free	Powder	Antibody purification Mitogenic assays
A 8806	Cold alcohol precipitation	Charcoal/Dialysis	Low endotoxin Fatty acid free	Powder	General cell culture Serum-free cell culture
A 8551	Cold alcohol precipitation		BVD tested	Powder	Virus studies
A 8412	Cold alcohol precipitation		7.5% Solution Sterile	Liquid	General cell culture
A 8918	Cold alcohol precipitation		35% Solution Sterile	Liquid	General cell culture
A 3311	Cold alcohol precipitation		Mouse embryo tested	Powder	Embryo Culture
A 9056	Cold alcohol precipitation		Microbiologically tested (performed with <i>Borrelia burgdorferi</i>)	Powder	Microbiology testing
A 9576	Cold alcohol precipitation		30% Solution Sterile	Liquid	General cell culture