

★ Storage

Store at 4°C

Store at -20°C for long term storage (3 years) or 5 years with re-qualification.

Contents

- Product Manual
- Bovine Serum Albumin, IgG & Lipid Free, Cell Culture Tested

ALL PRODUCTS SOLD BY GenDEPOT ARE INTENDED FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSE

★ Introduction

Albumins are an important component of many serum-free cell culture systems such as those that utilize hybridoma or Chinese Hamster Ovary (CHO) cells. Not all albumins have the same efficacy in culture media. Major factors that control the activity of albumin include the quality and relative quantity of specific ligands associated with the molecule. The ligands associated with albumin are determined largely by the nutritional status of the source animal and the purification process. This explains why the effectiveness of albumin(s) in a given cell culture system may vary and must be controlled. The ligand profile also helps to explain why natural albumin(s) derived from human (HSA) or bovine (FBS) sera perform differently than recombinant albumin(s) in cell culture.

★ Physical Characteristics

GenDEPOT's Bovine Serum Albumin, IgG & Lipid Free, Cell Culture Tested is a highly soluble white/off-white to yellow colored lyophilized powder. A solution of up to 30% in de-ionized water is sparkling clear with few or no particulates.

★ Related Products

Product Name	Cat No
DMEM, High Glucose, without Sod Bicarbonate	CM001
DMEM, High Glucose, with Sod Bicarbonate	CM002
MEM with Earle's salt	CM041
RPMI-1640 with HEPES	CM058
RPMI-1640	CM059
Trypsin-EDTA(1X)	CA014
Trypsin-EDTA(10X)	CA015
Scrptase, Non-Animal Origin Dissociation Solution(1X)	CA110
Dispase Solution, 1mg/ml	CA092
Collagenase/Hyaluronidase(10X) in DMEM	CA094
Antibiotics-Antimycotics(100X)	CA002
Penicillin-Streptomycin(100X)	CA005
Dulbecco's Phosphate-Buffered Saline(DPBS)(1X)	CA008
Cellmaxin, 10mg/ml	C3314
Cellmaxin Plus, 10.5mg/ml	C3319
Ceracryo, Xeno-Free Cell Freezing Mediu	C0667
Water, 0.1um Filtered, Cell Culture Tested	W0900