

cellgro[®] rhAlbumin

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- Recombinant Human Serum Albumin
- Cell culture grade
- Animal-free
- Immunoglobulin free

Introduction

cellgro[®] rhAlbumin is a recombinant human serum (HSA) albumin that has been produced from an animal-free expression system. rhAlbumin has identical amino acid sequence and similar biophysical characteristics to the major HSA isoform found in human serum. Albumin is a cell culture supplement that functions as a carrier protein for fatty acids, growth factors, and trace minerals. Albumin also protects cells from damage due to toxins or by physical shear. Albumin is used to reduce or eliminate serum and to support cell growth, health, and productivity.

The optimum concentration of albumin for cell culture varies with cell line and media. Many classical media formulations would benefit by including albumin at a concentration of between 0.5 - 2 g/L.

Instructions for Use

cellgro[®] rhAlbumin can be used as a media supplement at concentrations up to 10 g/L. Prepare liquid stocks by dissolving in cell culture grade water with gentle mixing or inversion. A 10% w/v solution in water will contain approximately 50 mM NaCl.

A gradual adaptation of cell lines over several passages to a concentration of 0.5 to 2g/L is recommended. Following the gradual adaptation, the rhAlbumin concentration can be further adapted for a specific purpose. Cell lines previously adapted to a medium containing albumin typically require little adaptation to cellgro[®] rhAlbumin.

Storage

Recommended storage is at -20°C to 8°C, tightly sealed, and protected from light.

Product Name	Category No.	Size
cellgro [®] rhAlbumin	62-450-RF	1 g
