

Phyto-HSA (Recombinant Human Serum Albumin from Rice)

CAT. NO. HSA-1r, 1 g

DESCRIPTION

Phyto-HSA is an animal-free recombinant human serum albumin expressed from rice grain (*Oryza sativa*). Phyto-HSA is well defined for using as an alternative media supplement in cell culture. It outperforms HSA, BSA and other sources of albumin in promoting cell growth.

ADVANTAGES OVER ANIMAL ORIGIN SERUM ALBUMIN

Improved safety, to comply with FDA regulations;
 Low cost, particularly for mass production;
 Greater consistency, such as batch-to-batch control for stem cell culture medium.

APPLICATION

- Serum-reduced, serum-free or chemically defined cell culture media;
- Antibody production;
- Coating for medical devices;
- Albumin-based drug delivery;
- Vaccine development and manufacturing.

COMPOSITION AND MOLECULAR WEIGHT

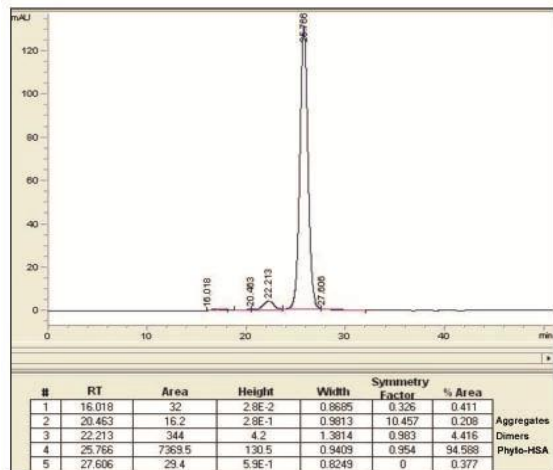
Lyophilized powder containing sodium phosphate and sodium chloride, pH7.4.
 Structurally and biochemically equivalent to plasma-derived human serum albumin. Mw, 67kD.

STORAGE TEMPERATURE

2-8°C.

PURITY

Cell culture grade, >99% by HPLC.



(HPLS-SEC: Angilent 1200, protein coumn 10 µm; detection wavelength = 280nm (DRD); purity, >99%)