

Human Albumin serum / HSA, liquid

Synonyms: HSA, ALB, PRO0883, PRO0903, PRO1341, DKFZp779N1935, GIG20, GIG42, PRO1708, PRO2044, PRO2619, PRO2675, UNQ696, SA, HSA.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

| Size | Order # | Lot # | Expiry Date |
|--------|--------------|-------|-------------|
| 100 mg | 2835.959.166 | | |
| 500 mg | 2835.959.566 | | |
| 5 g | 2835.959.588 | | |

Please enquire for bulk quantities and other vial sizes

Description

Human serum albumin (HSA) isolated from Human Plasma is a 66,5 kDa globular Protein. It is the most abundant blood plasma protein. HSA is produced in the liver as Preproalbumin and released as Proalbumin from the rough endoplasmic reticulum. Proalbumin is cleaved in the Golgi vesicles, resulting in secreted Human Serum Albumin (HSA). It functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume. HSA is widely used to stabilize blood volume generally from donors but the fear of contamination such as HIV & Hepatitis has enticed great interest in the recombinant form which is identical to the natural blood.

- **Source** Human Serum
- **Purity** $\geq 97\%$ (SDS-PAGE)
- **Endotoxin level** $\leq 0.1\text{ng}/\mu\text{g}$ ($\leq 1\text{EU}/\mu\text{g}$)
- **Buffer** none*
- **Physical state** Sterile filtered clear yellowish solution

Stability

HSA although stable at room temperature for 2 weeks should be stored at 4°C.

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.