

Catalog	Unit
TBP0162-5	5 mL
TBP0162-10	10 mL
TBP0162-50	50 mL

### Description

Tribioscience Recombinant Human Serum Albumin (rhSA) is a plant-derived recombinant human serum albumin produced from rice grains. As a non-plasma source, it eliminates the risk of transmitting human blood-borne viruses such as HIV and hepatitis B, which may be associated with plasma-derived hSA (phSA). rhSA shares the same secondary and tertiary structure, as well as similar physiological and biochemical properties with phSA. It also offers higher purity, superior batch-to-batch consistency, and greater safety.

### Specification

**Source:** Rice Grain (*Oryza Sativa*)

**Protein content:** 20.0%±1.2%

**Appearance:** Slightly viscous, yellow to brownish clear liquid; not turbid

**Molecular weight:** 66.5 kDa

**Purity:** More than 99% as determined by SDS-PAGE and HPLC analysis.

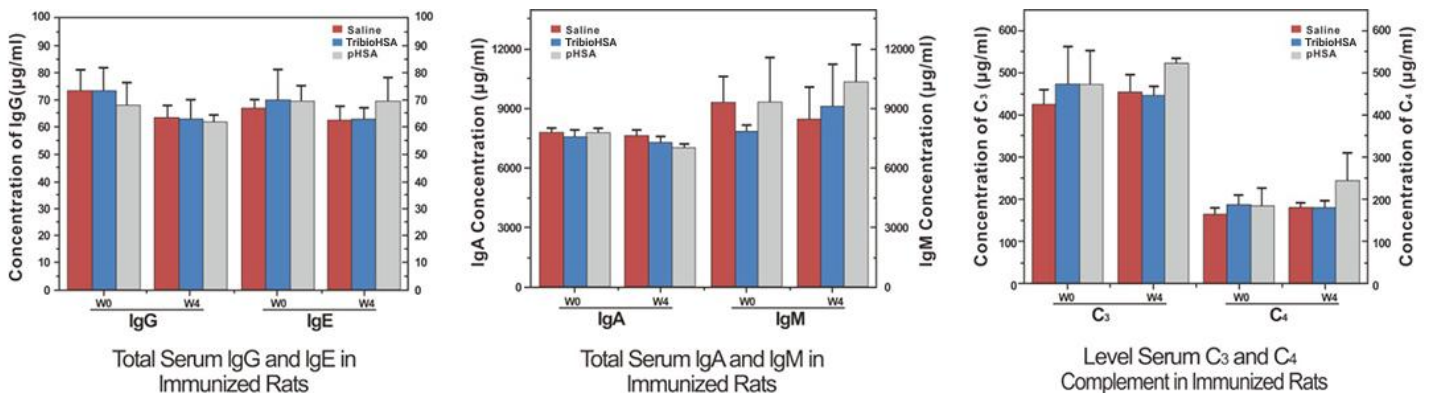
**Endotoxin:** < 0.167 EU/mL

**Storage:** Stored at 2~8°C for at least 60 months.

**Applications:** CGT, vaccine, drug carrier, medical device embedding agent.

### Data

The titers of individual immunoglobulins IgG, IgM, IgE, and IgA showed no significant difference among the pHSA, TribioHSA, and saline groups, and the titers of C4 complement were not significantly different.



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