

# Protein Supplements

## Human Serum Albumin (HSA)

## Serum Substitute Supplement (SSS™)

## Dextran Serum Supplement (DSS)

*Each* lot of Protein Supplement receives a complete laboratory evaluation including mouse embryo testing, endotoxin level, pH, osmolality and sterility testing. All results are provided in a lot-specific Certificate of Analysis.

Irvine Scientific's commitment to excellence is demonstrated by our products' performance and adherence to the industry's highest quality standards. We were one of the first companies in the USA to receive ISO 13485:2003 quality systems certification, the new rigorous international quality assurance standard designed specifically for Medical Devices.

Always refer to product insert for complete instructions for use. For more information on all of our Reproductive Products, call 1 (800) 437 5706.



Human Serum Albumin (HSA), Serum Substitute Supplement (SSS™) and Dextran Serum Substitute (DSS) have been designed for use in assisted reproductive procedures as protein supplements for culture media and for gamete and embryo manipulation.

**HSA** consists of human serum albumin from the therapeutic-grade source material in a saline solution.

**SSS™** consists of 6% total protein (weight/volume) in normal saline. The protein component contains 84% HSA from a therapeutic grade source material and 16% Alpha and Beta Globulins.

**DSS** consists of 5% total protein (weight/volume) in normal saline. The protein component contains 100% HSA from a therapeutic grade source material. 2% Dextran is added as the non-protein alternative to globulins.

### Features and Benefits

- Each lot of HSA, SSS and DSS are tested for:
  - Endotoxin (USP <85>)
  - Biocompatibility by Mouse Embryo Assay
  - Sterility (USP <71> and CFR Title 21 part 610.12)
- Human source material used in the manufacture of these products has been tested by FDA licensed kits, and found to be non-reactive to the antibodies for:
  - Hepatitis B surface antigen (HBsAg),
  - Antibodies to Hepatitis C (HCV)
  - Antibodies to Human Immunodeficiency Virus, (HIV)
  - Donors of the source material are screened for CJD.
- Available in kits or 100 mL bottles
- SSS & DSS have a shelf life of 2 years when stored at 2° to 8°C
- HSA has a shelf life of 3 years when stored at 2° to 8°C

**Human Serum Albumin (HSA): Catalog #9988**  
**Serum Substitute Supplement (SSS): Catalog #99193**  
**Dextran Serum Supplement (DSS): Catalog #9301**

CATALOG #9988, 99193 & 9301 Rev.5

### United States Headquarters

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