

The Next Generation of Serum Substitute Supplement – SSS-NX



Reliability. Quality. Performance.

SSS-NX is the newest alpha (α) beta (β) globulin containing Serum Substitute Supplement from FUJIFILM Irvine Scientific. Building on the best qualities of our original formulation, SSS-NX is more reliable with improved usability and consistency.

The addition of α and β globulins to serum albumin supplementation has been found to increase:

- Fertilization¹
- Blastocyst formation²
- Hatching²
- Implantation rates³

Quality is at the center of all that we do.

Each lot is membrane filtered, aseptically processed, and tested for:

- Endotoxins by Limulus Amebocyte Lysate methodology*
- Biocompatibility by Mouse Embryo Assay (MEA)*
- Sterility by the current USP Sterility Test <71>*
- Raw materials tested by genetic mouse embryo assay (MEGA)

*Results are reported on a lot-specific Certificate of Analysis (COA) which is available upon request.

Product Information

Media	Catalog #	Size	Product Details	Additional Information	Shelf Life	Storage
SSS-NX	90194	100 mL 12 x 10 mL	<p>Contains approximately 50 mg/mL, or 5% (w/v), of total protein consisting of:</p> <ul style="list-style-type: none"> • ≥ 41.5 mg/mL HSA ($\geq 83\%$) • ≤ 8.5 mg/mL $\alpha\beta$ globulins ($\leq 17\%$) and gamma globulins ($\leq 1\%$) 	Intended for use as a supplement for culture and handling media during assisted reproductive procedures which include gamete and embryo manipulation and embryo culture.	1 year* Single use	2–8°C

*From date of manufacture

One System for the Whole Journey

For more information on how SSS-NX works with other FUJIFILM Irvine Scientific products to streamline and optimize your IVF workflow, contact your local sales representative or visit www.irvinesci.com.



References:

1. Tucker K, Hurst BS, Guadagnoli S, et al. Evaluation of synthetic serum substitute versus serum as a protein supplementation for mouse and human embryo culture. *Journal of Assisted Reproduction and Genetics* 1996;13:32-7
2. Tanikawa M, Harada T, Ito M, et al. Globulins in protein supplements promote the development of preimplantation embryos. *Journal of Assisted Reproduction and Genetics* 1999;16:555-7
3. Meintjes M, Chantilis SJ, Ward DC, et al. A randomized study of human serum albumin and serum substitute supplement as protein supplements for IVF culture and the effect on live birth rates. *Human Reproduction* 2009;24:782-9

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Value from Innovation



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