

SAR IVC-W medium

Product Description

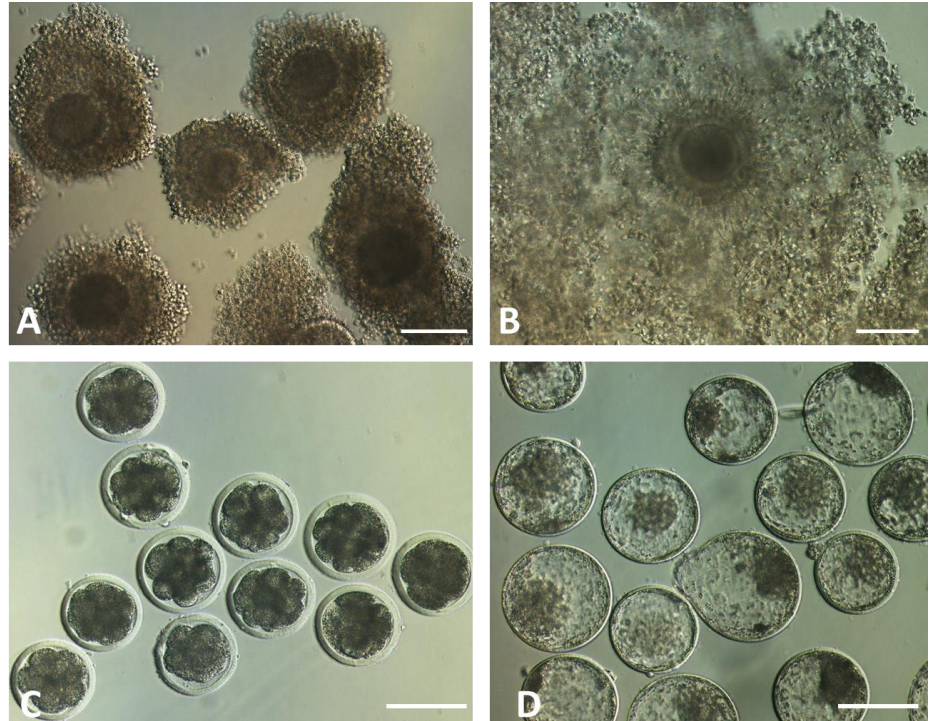
SAR IVC-washing medium (Catalog#: SAR IVC-W 01) is **Simple and Reliable (SAR)** medium for cumulus cell removal and zygote washing after fertilization *in vitro* (IVF), but before embryo culture *in vitro* (IVC). It is specifically designed for a **bovine *in vitro* fertilization (IVF)** process. A high blastocyst development rate is guaranteed. This medium is developed with Renova Life Inc. (RLI) standardized recipes that have been proven to be perfectly suitable for *in vitro* production of bovine embryos in several peer-reviewed publications. Years of our research and experience have been put into the development of this medium, offering you the best quality and performance for IVM/IVF/IVC. Specifically tested embryo-water and embryo-bovine serum albumin (BSA) are used in our RLI in-house SAR IVM/IVF/IVC products, which have been well tested for bovine IVF and embryo culture *in vitro* and for making IVF and OPU-IVF embryos for cryopreservation and embryo transfer practices.

RLI **SAR IVC-W medium** is a constant high quality product, ideal for embryo washing post IVF and production of embryos *in vitro*. It is prepared for commercial and research use. RLI **SAR IVC-W medium** has been prepackaged as follows: SAR IVC-W 01, 100 mL per bottle.

SAR IVC-W contains Medium 199 (M199) with Earle's salts, L-glutamine, sodium bicarbonate, and HEPES, supplemented with 10 % (v/v) fetal bovine serum and other small molecules and factors that promote embryo development *in vitro*.

Storage temperature: 4°C. Expiration date: 2 weeks after production date.

Cat # SAR IVC-W 01 100 mL/bottle, \$55.00 plus S&H



Bovine IVF Embryo Production. Bovine cumulus-oocyte complexes were collected by OPU from donor animals (A), and matured for 22-24h with **SAR IVM** prior to IVF (B), showing expanding of cumulus cells. The embryos cleaved to 8-celled stage after 44 h culture *in vitro* (C), and they developed to blastocyst stage on Day 7 (D). Oocytes were fertilized in our serum-free **SAR IVF** medium containing 6 mg/mL BSA-embryo under a condition of 5% O₂, at 39°C for 18 hours. Embryos then were cultured in our **SAR IVC** serum-free medium containing 6 mg/mL BSA-embryo under a condition of mixed gases of 5% CO₂, 5% O₂, and 90% N₂, at 39°C for 7days.

Ordering Information:

<http://www.renovalife.com/SAR-IVC-W.php>

Send your order by email: info@renovalife.com

By fax: 301-576-5078

By phone: 301-246-0868

Mon.-Fri. 9:00Am-5:00Pm Eastern time

Payment Information:

We accept Visa, MasterCard, Discover, American express cards and company checks (make check payable to: Renova Life Inc.)

