

GM501 Wash

GYNEMED



- **Ready-to-use**
- **6-month shelf life**
- **HEPES (15mM)**
- **The product can be used safely for up to 7 days after opening when stored at 2 - 8°C and sterile conditions are maintained.**
- **Includes highest available purity (Ph. Eu./USP) Human Serum Albumin (5.00 g/liter)**
- **A Certificate of Analysis for each batch is available on our website.**

GM501 Wash Indications for Use

GM501 Wash is intended for in vitro procedures involving handling and micromanipulation of human oocytes and embryos outside of a CO₂-incubator. Indications include oocyte and embryo washing (e.g. after oocyte aspiration, after hyaluronidase treatment to remove cumulus cells, before and after cryopreservation, and before embryo transfer) and micromanipulation procedures (e.g. assisted hatching). GM501 Wash is not intended for use in intrauterine insemination (IUI) procedures or transferring embryos into the uterine cavity.

GM501 Wash Instructions for Use

- The medium must be equilibrated overnight in a humidified CO₂-incubator (at 5-7% CO₂, 37°C).
- For oocyte or embryo washing, prepare suitable culture dishes (MEA-tested) containing 15-100 µl drops under oil suitable for assisted reproductive techniques or larger volumes (0.5-1 ml) in appropriate dishes of GM501 Wash according to laboratory standards. Equilibrate the dishes overnight in a humidified CO₂-incubator (at 5-7% CO₂, 37°C) to ensure temperature and gas equilibration. For washing, pass the oocytes or embryos through several droplets of GM501 Wash according to laboratory practice. For micromanipulation procedures, apply one or two drops per oocyte or embryo, per laboratory practice.
- Any laboratory procedures described herein are recommendations only. Each laboratory must establish and validate its own procedures for preparation and use.

GM501 Wash Composition

- NaCl, KCl, KH₂PO₄, MgSO₄·7H₂O, CaCl₂·2H₂O
- HEPES, EDTA
- D(+)-Glucose Anhydrous, Na-Lactate (50% solution), Na-Pyruvate
- Non-essential and essential Amino Acids, Alanine, Glutamine
- Human Serum Albumin

GM501 Wash Specifications

pH (at 37°C, 6% CO ₂)	7.20 - 7.50
Osmolality (mOsm/kg)	270 - 290
Sterility (sterile/SAL 10 ⁻³)	No Growth
Endotoxins (LAL, EU/ml)	< 0.25
1-cell MEA	≥ 80% blastocysts at 96h after 1h exposure to GM501 Wash

Part #	Size	Storage	Shelf life*
4 GM 501W-20	1 x 20 ml	2 - 8°C	6 months
4 GM 501W-50	1 x 50 ml	2 - 8°C	6 months
4 GM 501W-500	1 x 500 ml	2 - 8°C	6 months

*From the date of manufacture



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