

VITAVITRO® FERTILIZATION MEDIUM



*CREATING OPTIMAL CONDITIONS
FOR FERTILIZATION*



WHERE THE MAGIC HAPPENS.

Replicating the beauty of human fertilization is a process that should be treated with the highest possible degree of operational efficiency. VitaVitro® Fertilization Medium creates the right conditions for the magic to happen, but with precisely selected ingredients and tight quality-control measures so that nothing is left to chance.

Every oocyte counts when it comes to achieving a successful round of treatment, and maximizing the fertilization rate helps ensure the best possible outcome during embryo culture, transfer, and beyond. VitaVitro® is committed to increasing the chances of pregnancy at each step of the way.

VITAVITRO® FERTILIZATION MEDIUM

VitaVitro® Fertilization Medium is intended for use in assisted reproductive procedures including oocyte incubation and insemination. It creates the optimal conditions for fertilization by accurately replicating the in vivo conditions conducive to a high rate of success.



Contains taurine, an amino acid that helps cause capacitation



High glucose facilitates gamete metabolism



Added antioxidants control ROS levels



Added amino acids maintain oocyte stability



Ready-to-use with HSA

Using VitaVitro® Fertilization Medium with other VitaVitro® media and products helps smooth transitions between adjacent stages in the IVF procedure. Collectively, VitaVitro® IVF media offer all the ingredients for reproductive success. Our media cover every stage of the IVF procedure, including flushing, fertilization, culture, and cryopreservation.



BEFORE FERTILIZATION

After retrieval using Vitavitro® Flushing buffer Medium and washing using Vitavitro® Gamete Buffer Medium, oocytes may be incubated using Vitavitro® Fertilization Medium according to lab procedure.



DURING FERTILIZATION

VitaVitro® Fertilization Medium provides an optimal environment for successful fertilization and for incubation prior to embryo culture.



AFTER FERTILIZATION

VitaVitro® Fertilization Medium gives oocytes the optimal preparation for subsequent culture using our unique embryo culture system, consisting of VitaVitro® 1-Step Culture Medium and WOW culture dish.

SPECIFICATIONS

Shelf life:	6 months
Osmolality:	260-290 mOsm/kg
Recommended pH:	7.2-7.4
Endotoxin:	< 0.25 EU/mL
Sterility:	Passed (Ph. Eur., USP)
Mouse embryo assay (1-cell):	≥ 80% development to blastocyst at 96 hours

ORDERING INFORMATION

Product Name	Volume (mL)	Code
VitaVitro® Fertilization Medium	30	V006030
	60	V006060

COMPONENTS

Physiological salts, energy (glucose, lactate, pyruvate), buffer system, taurine, sodium citrate, amino acids, glutamine dipeptide, EDTA, phenol red, gentamicin, HSA (5mg/mL).



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