The G-Series

G-RINSE	G-MOPS	G-MOPS G-GAMETE G-IVF, OVOIL	G-TL G-1, G-2 G-PGD, OVOIL	EmbryoGlue
PREPARATION	RETRIEVAL	HANDLING	CULTURE	TRANSFER

G-RINSE

For rinsing of contact materials and washing of the cervix before oocyte aspiration and embryo transfer.

Prepare with G-Series from the start

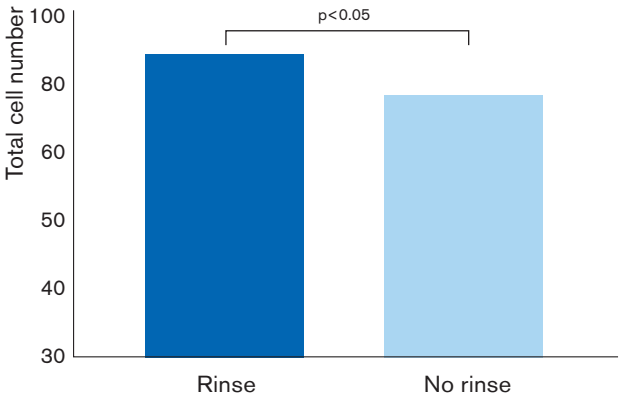
Use G-RINSE™ to test and rinse oocyte retrieval needles, wash the cervix prior to retrieval and transfer and for rinsing of contact materials. G-RINSE contains gentamicin, salts and a carbohydrate with the same osmolality as the other G-Series™ media. Rinsing with G-RINSE ensures that no dilution affects your culture.

G-RINSE protects the development of the embryo

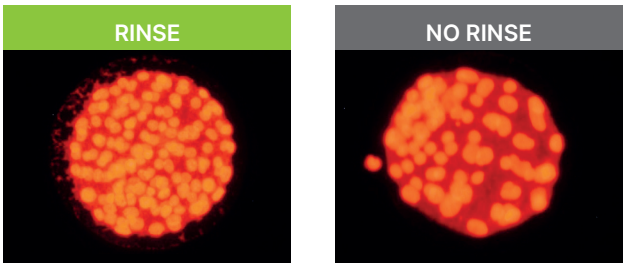
It is well known that the manufacturing process of traditional non IVF certified plastics such as dishes and test tubes may leave debris behind in the products. This debris can easily be observed floating in the dishes and tubes after adding media. These particles will adhere to the zonas of embryos when culturing or when rinsing through these disposables. This may affect the development of the embryos.

The viabilty of embryos is strongly correlated to cell numbers[1]. To confirm that rinsing of dishes improves embryo viability, the cell number of blastocysts were counted after culture in rinsed and non rinsed dishes.

G-RINSE improves embryo viability[2]



Nuclear staining shows significantly more cells in blastocysts cultured in dishes rinsed with G-RINSE[2]



REF: 1. D.K. Gardner and D. Sakkas, Placenta, 2003, 24, S5-S12, doi:10.1016/S0143-4004(03)00136-X. 2. Data on file. Fertility Labs Colorado, Englewood, Colorado.

Vitrolife

The G-Series

Pre-rinse to improve culture systems

In order to minimise the amount of debris present in plasticware, Vitrolife recommends pre-rinsing all contact materials before use whenever possible. The exception would be Vitrolife Labware products, uniquely certified for human IVF.

G-Series - confidence at each step

Each product in the G-Series is developed to resemble conditions in the female reproductive tract and fulfil embryo requirements.

Product specification G-RINSE

REF	10069	
Content	1 × 125 mL	
Intended purpose	Solution for rinsing of contact materials and for washing of the cervix. Not for culture.	
Description	Bicarbonate buffered salt solution.	
Application	For use after pre-equilibration at +37°C and 6 % CO_2	
Storage	Store dark at +2 to +8°C	
Raw material	All raw material are tested and evaluated by stringent quality control procedures.	
Composition	Calcium chloride, Gentamicin, Magnesium sulphate, Potassium chloride, Sodium bicarbonate, Sodium chloride, Sodium pyruvate, Water for injection (WFI).	
Product properties	pH (at +37°C and 6 % CO_2 atmosphere)	7.30±0.10
	Osmolality [mOsm/kg]	280±5
	Sterility	No evidence of microbial growth
	Bacterial endotoxins (LAL-assay) [IU or EU/mL]	<0.25
	Mouse embryo assay (1-cell) [% expanded blastocyst within 96h]	≥ 80
	Mouse embryo assay (1-cell) [blastocyst cell number within 96h]	No statistical difference

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