

The G-Series



G-IVF PLUS

Fertilisation medium containing all components necessary to support oocyte and sperm function during fertilisation.

Developed for fertilisation

G-IVF™ PLUS is developed for fertilisation and to maintain gamete functionality. G-IVF PLUS contains glucose and fructose to support both cumulus cells and sperm functionality. Let the sperm begin its journey with the G-Series™ in G-IVF PLUS. The same medium can be used for all sperm preparation procedures including dilution of gradient solutions, washing, sperm counts and final dilution of the sperm fraction for fertilisation.

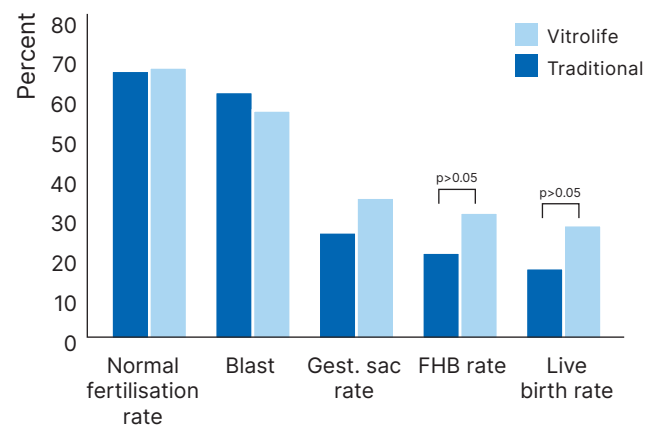
G-Series - confidence at each step

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

Higher treatment efficacy

The study below shows that G-IVF used for fertilisation in conjunction with G-1™ and G-2™ give higher treatment efficacy when compared to traditional fertilisation media.

G-IVF vs traditional fertilisation medium



N=695(Traditional) vs 1047(GIVF)
REF: O-87, Takasaki ART Clinic, JSFI, 2015



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Product specification G-IVF PLUS

REF	10136	
Content	1 × 60 mL	
Intended purpose	Medium for preparation and handling of gametes and for in vitro fertilisation.	
Description	Bicarbonate buffered medium containing human serum albumin.	
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	Alanine, Alanyl-glutamine, Asparagine, Aspartate, Calcium chloride, EDTA, Fructose, Gentamicin, Glucose, Glutamate, Glycine, Human serum albumin*, Magnesium sulphate, Potassium chloride, Proline, Serine, Sodium bicarbonate, Sodium chloride, Sodium dihydrogen phosphate, Sodium lactate, Sodium pyruvate, Taurine, Water for injection (WFI). * Pharmaceutical infusion-grade for medical use, free from HBV, HCV and HIV.	
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