

The G-Series



G-1 PLUS

G-1 PLUS provides the carbohydrates, amino acids and hyaluronan to support the embryo during the first critical stages of development.

Important nutrients supports the embryo

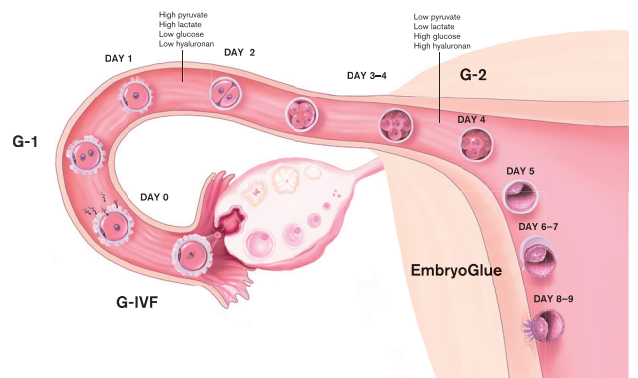
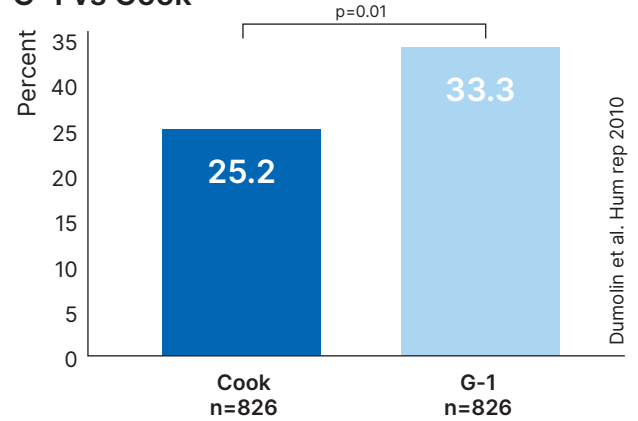
G-1™ PLUS is a medium for culture of human embryos from after fertilisation until the 8-cell stage. The medium contains amino acids to support embryo viability and hyaluronan to improve development and cryosurvivability and to facilitate implantation. G-1 PLUS also contains lipoic acid as antioxidant to protect the embryo against reactive oxygen species during culture in vitro. G-1 PLUS is supplemented with human serum albumin, HSA, and is ready to use.

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.

Supports high clinical pregnancy rate for day 2/3 transfer

G-1 vs Cook



The G-Series

Product specification G-1 PLUS

REF	10128	
Content	1 × 30 mL	
Intended purpose	Medium for culture of embryos from the pronucleate stage to day 2 or day 3.	
Description	Bicarbonate buffered medium containing hyaluronan and 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, Gentamicin, Glucose, Glutamate, Glycine, Human serum albumin*, Hyaluronan, Lipoic acid, Magnesium sulphate, Methionine, Potassium chloride, Proline, Serine, Sodium bicarbonate, Sodium chloride, Sodium citrate, 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)	7.27±0.07
	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