

The G-Series



G-GAMETE

A pH stable handling medium to support oocytes and embryos outside of the incubator.

MOPS buffered handling medium

G-GAMETE™ is a handling medium for oocytes and embryos that should be equilibrated in the incubator the same way as culture media, making it a suitable solution when preparing dishes the day before use. It has the same constituents as G-MOPS™ PLUS but with a different ratio of MOPS and bicarbonate to function after equilibration in the incubator.

G-Series - confidence at each step

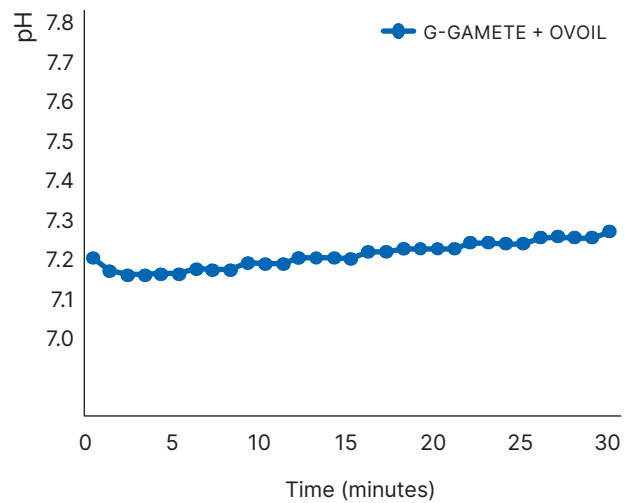
Each product in the G-Series™ is developed to resemble conditions in the female reproductive tract and fulfil embryo requirements.

Amino acids protect the embryo

Amino acids have a protective role that help the embryo to keep homeostasis. This is of particular importance during early stages of development, before the formation of the transporting epithelium. Media with amino acids contribute to minimising intracellular stress. By having amino acids in the media the gametes and embryos are better protected against variations in the environment.

Maintains stable pH

pH of medium in centrewell dish



REF: Data on file. Vitrolife.



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Product specification G-GAMETE

REF	10126	
Content	1 × 30 mL	
Intended purpose	Medium for handling and manipulating oocytes and embryos in ambient atmosphere.	
Description	MOPS 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, Gentamicin, Glucose, Glutamate, Glycine, Human serum albumin*, Magnesium sulphate, MOPS, Potassium chloride, Proline, Serine, Sodium bicarbonate, Sodium chloride, Sodium dihydrogen phosphate, Sodium hydroxide, 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