

The G-Series



G-MOPS PLUS

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

pH consistent

G-MOPS™ PLUS is a handling medium that allows performance of all procedures outside the CO₂ incubator, such as denudation and ICSI, without worrying about a change in pH also in the most time consuming cases. The medium contains amino acids and antibiotics and has the same osmolality and pH as Vitrolife culture media.

G-MOPS PLUS maintains correct pH when working outside the incubator and does not need incubation, only warming.

G-Series - confidence at each step

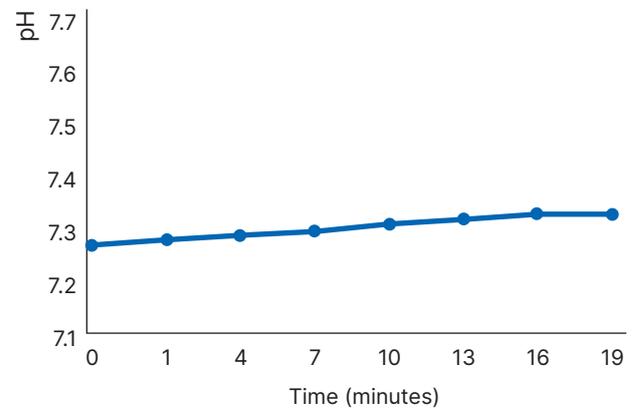
Each product in the G-Series™ is developed to resemble conditions in the female reproductive tract and fulfil embryo requirements.

Amino acids protect the embryo

Amino acids have a protective role that helps the embryo to maintain 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 acid in the media the gametes and embryos are better protected against variations in the environment.

Maintains stable pH

pH of G-MOPS PLUS in centre well dish without oil cover



REF: Data on file. Vitrolife.



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Product specification G-MOPS PLUS

REF	10130	
Content	1 × 125 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 ambient atmosphere.	
Storage	Store dark at +2 to +8°C	
Raw material	All raw material are tested and evaluated by stringent quality control procedures.	
Composition	Alanine, Alanine-glutamine, Asparagine, Aspartate, Calcium chloride, EDTA, Gentamicin, Glucose, Glutamate, Glycine, Human serum albumin*, Lipoic acid, Magnesium sulphate, Methionine, MOPS, 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 ambient 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