

Warming media for every need

Vitrolife's RapidWarm media support warming of vitrified oocytes, cleavage stage embryos and blastocysts.

The RapidWarm media are MOPS buffered physiological salt solutions containing human serum albumin (HSA) and gentamicin with added energy substrates and amino acids that support embryo metabolism. They contain hyaluronan, which is one of the major macromolecules present in the female reproductive tract.^{1,2}

Warming at physiological temperature (37°C) maintains spindle integrity and viability of oocytes and embryos.

Stringent testing of all raw material

Choosing a reliable supplier is vital, but raw material lots can still vary over time. Vitrolife performs extensive testing on all raw material lots. Only material that has been approved by the QC team is released to production.

High lot-to-lot consistency ensures high performance

Vitrolife's tests go well beyond regulatory demands, using multiple endpoint assessment including

blastocyst cell number, with narrow acceptance levels to ensure high performance and the best results for the customers.

Vitrolife has unique competence in testing, which is performed in-house to maintain full control with traceability of each released product.



Maximum support



Based on the G-Series with amino acids and energy substrates that support embryo metabolism.



MOPS-buffered to stabilise pH during handling.



High levels of hyaluronan and HSA provide additional protection.



RapidWarm media contain decreasing concentrations of sucrose to remove membrane permeable cryoprotectants and rehydrate the cells.

Product	Sucrose	Size
REF 10118 RapidWarm Cleave		
Warm 1 Cleave	0.65 M	10 ml
Warm 2 Cleave	0.33 M	10 ml
Warm 3 Cleave	0.125 M	10 ml
Warm 4 Cleave		10 ml
REF 10120 RapidWarm Blast		
Warm 1 Blast	0.25 M	10 ml
Warm 2 Blast	0.125 M	10 ml
Warm 3 Blast		10 ml
REF 10122 RapidWarm Oocyte		
Warm 1 Oocyte	1 M	10 ml
Warm 2 Oocyte	0.5 M	10 ml
Warm 3 Oocyte	0.25 M	10 ml
Warm 4 Oocyte		10 ml
REF 10124 RapidWarm Omni		
Warm 1 Omni	1 M	5 ml
Warm 2 Omni	0.5 M	5 ml
Warm 3 Omni	0.25 M	5 ml
Warm 4 Omni		5 ml



Product specification RapidWarm media

REF	10118 RapidWarm Cleave	4 × 10 ml
	10120 RapidWarm Blast	3 × 10 ml
	10122 RapidWarm Oocyte	4 × 10 ml
	10124 RapidWarm Omni	4 × 5 ml
Application	Ready to use after warming to 37 °C in ambient atmosphere. Do not place the solutions in a CO ₂ incubator.	
Storage	Store dark at +2 to +8 °C	
Quality control	pH Osmolality Sterility: No evidence of microbial growth Bacterial endotoxins Mouse Embryo Assay (1-cell): Blastocyst formation as well as cell count	

Products showed in this leaflet may not be available in all markets.

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REFERENCES 1. Stojkovic et al. 2002 . 2. Block et al. 2009.