



## Vitrification

# Vitrification and Warming Media

### Versatile media for cryopreservation in your laboratory.

Reduce your costs by using the same media for vitrification and warming of oocytes and embryos, in all their stages of development, from zygote stage to blastocyst.

The composition of the Kitazato media is entirely synthetic. Among the components, the following are notable:

Hydroxypropyl cellulose (HPC) prevents the risk of contamination, increases the rate of survival in hatched blastocysts and reduces mechanical stress during warming. Trehalose functions as an osmotic agent in place of sucrose. It provides greater safety in the process, improving the protection of the cellular membranes. The incorporation of gentamicin prolongs the sterility of the media, guaranteeing greater safety in handling the solutions.

- Unparalleled survival rates
- Simplifies work routines
- Standardised protocol
- For all stages of development
- High quality, reliable product



The VT601 Vitrification media allow up to 5 procedures to be carried out and consist of:

- 1.5 ml Basic Solution vial (BS)
- 1.5 ml Equilibrated Solution vial (ES)
- 2 x 1.5 ml Vitrification Solution vial (VS)



The VT602 Thawing media allow up to 4 procedures to be carried out and consist of:

- 2 x 4 ml Thawing Solution vial (TS)
- 4 ml Diluent Solution vial (DS)
- 4 ml Washing Solution vial (WS)

Order code	Description		Pack size
FDM91101	VT601	Vitrification Solutions	Single Pack
FDM91121	VT602	Thawing Solutions	Single Pack
FDM81115	CR-Y	Cryotop® Yellow	Pack of 10
FDM81114	CR-B	Cryotop® Blue	Pack of 10
FDM81113	CR-W	Cryotop® White	Pack of 10
FDM81112	CR-R	Cryotop® Red	Pack of 10
FDM81111	CR-G	Cryotop® Green	Pack of 10
FDM83018	K-3	Reproplate (3 well)	Pack of 10
FDM83020	K-6	Reproplate (6 well)	Pack of 10
FDM83021	K-6 SINGLE	Reproplate (Single packaging)*	Single Piece
FDM84014	BLUE BOX-L	Cooling Rack - Large	Single Piece
FDM94121	STEEL BOX-L	Stainless Steel Box for Cooling Rack - Large	Single Piece
FDM94123	Rack Set - Large	Cooling Rack + Stainless Steel Box - Large	Single Piece
FDM84010	BLUE BOX-S	Cooling Rack - Short	Single Piece
FDM94120	STEEL BOX-S	Stainless Steel Box for Cooling Rack - Short	Single Piece
FDM94122	Rack Set - Small	Cooling Rack + Stainless Steel Box - Small	Single Piece
FDM84115	BLOCK SC	Aluminium Block for Cryotop® SC	Single Piece
FDM84117	CUTTER SC	Straw Cutter for Cryotop® SC	Single Piece
FDM84119	HEAT SEALER	Heat Sealer for Cryotop® SC	Single Piece
FDM81125	CR SC-Y	Cryotop® SC Yellow	Pack of 10
FDM81124	CR SC-B	Cryotop® SC Blue	Pack of 10
FDM81123	CR SC-W	Cryotop® SC White	Pack of 10
FDM81122	CR SC-R	Cryotop® SC Red	Pack of 10
FDM81121	CR SC-G	Cryotop® SC Green	Pack of 10

- All vitrification media must be kept between 2 °C and 8 °C.
- VT601 and VT602 have a shelf life of 12 months.

#### Composition:

- Endotoxin: <0.5 EU/ml
- Sperm Survival test: ≥80 % survival rate after 4 hours exposure; ≥75 % survival rate after 24 hours exposure.
- pH: 7.20 – 7.90 (Lot release criteria: 7.20 – 7.60)
- CE 2797

Ki159/V2

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