

KITAZATO®

VITRIFICATION CRYOTOP®





THE CRYOTOP® METHOD

Kitazato is recognized as one of the pioneering brands in driving and improving vitrification. Its greatest contribution in this field has been the development of the renowned Cryotop® Method, the global leader in vitrification of oocytes and embryos, in all stages of development.

Cryotop® is the special vitrification container consisting of a fine, thin film strip attached to a hard plastic handle for the minimum volume to realize highest cooling & warming rates resulting in over 90% post-thaw survival. The Cryotop® Method is simple, reliable, universal safe and easy for anyone. After over a decade on the market, the Cryotop® Method has been applied in over 1,500,000 clinical cases in over 90 countries and 2,200 assisted reproduction centers. Hundreds of scientific publications certify their excellent results.



MAIN ADVANTAGES

- Survival rates over 90%.
- Best Cooling and Warming rates in the market.
- Closed and Open system available. Same protocol, easy to follow.
- Valid for all stages of development: oocytes, PN, embryos, blastocysts.

VERSATILITY

- Egg Banking: to avoid difficult synchronization donor-recipient.
- PGD/PGS Analysis: grant the survival of your biopsied embryos.
- Fertility Preservation.
- Re-Vitrification: transfer of vitrified embryos from previously vitrified specimens.
- Deferred Embryo Transfer: to optimize the conditions of the endometrium before the transfer.
- Management of poor responders: accumulation of oocytes.

STANDARIZATION

- Simplifies work routines.
- Helps optimizing scientific and global results.
- Speeds up the workflow.
- Makes easier the stock management.
- Reduces costs.

NEW CRYOTOP®

NOT ONLY THE BEST PROVEN RESULTS, NOW ALSO THE BEST USER EXPERIENCE

Cryotop® is a vitrification device consisting of a fine strip of transparent film attached to a plastic handle resistant to liquid nitrogen.

Cryotop® is the logical choice for obtaining the best clinical results. Its unparalleled survival rates for oocytes and embryos, at every stage of development, have contributed to bringing hundreds of thousands of healthy babies into the world in the last decade.

Available in 5 different colors.



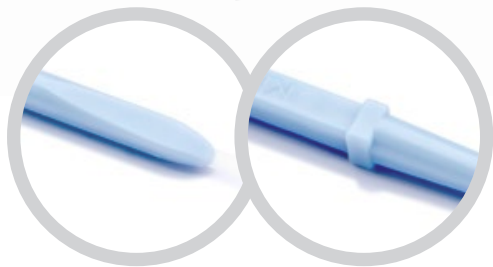
ORIENTATION MARKS

Now with two identification marks, defining the side where the specimens should be loaded.



DIAMOND TIP & WIDER STRIP

The diamond tip grants a smoother insertion into the coverstraw and the wider strip surface ease the loading of specimens.



IMPROVED SHAPE

The reshaped conjunction between strip and handle and the widened body allow an easier capping under LN₂.

Its design allows the loading of specimens for vitrification with a minimum volume (0.1 µl), providing the best Cooling and Warming rates on the market (-23,000°C/minute and 42,000°C/minute respectively) which in turn lead to the best survival rates.

MEDIA

VT601 KITAZATO VITRIFICATION SOLUTIONS

12 months shelf life



- 0 Vial 1.5 mL of BS (Basic Solution)
- 1 Vial 1.5 mL of ES (Equilibration Solution)
- 2 2 Vials 1.5 mL of VS (Vitrification Solution)

Kitazato Media are the most versatile option 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. VT801/802 available in selected countries.

VT602 KITAZATO THAWING SOLUTIONS

12 months shelf life

- 1 2 Vials 4.0 mL of TS (Thawing Solution)
- 2 Vial 4.0 mL of DS (Diluent Solution)
- 3 Vial 4.0 mL of WS (Washing Solution)



QUALITY CONTROL

- pH: 7.2 - 7.6
- Osmolality
- Endotoxin: <0.25EU/mL
- Sterility
- MEA (Mouse Embryo Assay): One cell assay ≥80% after 96 hours

COMPOSITION

- HEPES within Basic Culture Media
- Ethylene Glycol
- Dimethyl Sulfoxide
- Trehalose
- Hydroxypropyl Cellulose
- Gentamicin