

# Fast Freeze®

## global® Blastocyst Fast Freeze®

**Easy-To-Use and a High Performance System**

**Does not require special Vitrification device  
and uses regular sealable straws.**



### global® Blastocyst Fast Freeze® Kit Easy three-step Fast Freeze®



### global® Blastocyst Fast Freeze® Thawing Kit



**Each kit includes 1 sleeve of 10 Universal GPS® dishes.**



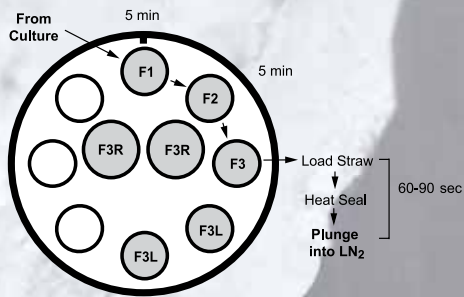
*"We perform the majority of our embryo cryopreservation at the blastocyst stage and have found the global® Blastocyst Fast Freeze® system to be the simplest, most efficacious and cost-effective method we have tried. As a result, it has been in use exclusively in our laboratory for over a year and a half and the survival rate upon warming is in excess of 99% with stellar pregnancy rates. That the system employs 0.25 cc straws and larger volumes made it extremely simple to learn for the entire technical staff and has resulted in dramatic cost reductions since more expensive cryopreservation devices are not required. Additionally, it has been the perfect cryopreservation adjunct to trophectoderm biopsy and provides consistently high survival and pregnancy rates in conjunction with PGS/PGD. I have recommended the system to a number of my colleagues; none have been disappointed."*

Dr. Thomas Pool, PhD of The Fertility Center of San Antonio, [rpool@fertilitySA.com](mailto:rpool@fertilitySA.com)  
(No commercial ties with this company.)

## global® Blastocyst Fast Freeze® Kit

- DMSO-free
- Three-step Fast Freeze®
- Easy to learn
- Easy to teach to new staff
- Glycerol & Ethylene Glycol as Cryoprotectants
- global® w/ HEPES as the base medium
- For best results use with global® Family
- For best results use Universal GPS® Dishes; 1 sleeve of 10 included in the kit
- Closed sealable system, therefore, no direct contact with LN2
- Regular straws
- No small non-sealable devices
- Embryos protected during transport
- High survival rate
- Clinically tested
- Used in clinics worldwide
- More time available during loading

Overview of the use of global® Blastocyst Fast Freeze® Kit for cryopreservation of human blastocysts.



### Legend

**F1** = Fast Freeze® Solution 1  
**F2** = Fast Freeze® Solution 2  
**F3** = Fast Freeze® Solution 3

Times indicate the time of exposure in each drop.

**F3R** = F3 for rinsing the straw  
**F3L** = F3 for loading the straw

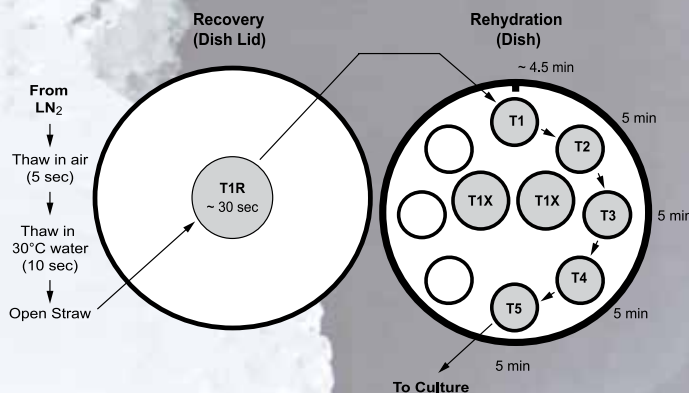
### Each global® Blastocyst Fast Freeze® Kit contains:

- 1 X 5 ml vial of Fast Freeze® Solution 1 (green cap), Glycerol and Ethylene Glycol and 20 mg/ml HSA in global® w/ HEPES
- 1 X 5 ml vial of Fast Freeze® Solution 2 (blue cap), Glycerol and Ethylene Glycol and 20 mg/ml HSA in global® w/ HEPES
- 2 X 5 ml vials of Fast Freeze® Solution 3 (white cap), Glycerol and Ethylene Glycol and 20 mg/ml HSA in global® w/ HEPES
- 10 X Universal GPS® dishes, sterile, endotoxin and MEA tested

## global® Blastocyst Fast Freeze® Thawing Kit

- Five-step gradual rehydration through reducing concentrations of sucrose
- global® w/ HEPES as the base medium
- Easy to learn
- Clinically tested
- Used in clinics worldwide
- For best results use with global® Family
- Easy to teach to new staff

Overview of the use of global® Blastocyst Fast Freeze® Thawing Kit for the rehydration of cryopreserved human blastocysts.



### Legend

**T1** = Thawing Solution 1  
**T2** = Thawing Solution 2  
**T3** = Thawing Solution 3  
**T4** = Thawing Solution 4  
**T5** = Thawing Solution 5

Times indicate the time of exposure in each drop.

**T1R** = T1 for recovery of the blastocyst from the freezing straw.

**T1X** = Extra T1 for rinsing the freezing straw, if required.

### Each global® Blastocyst Fast Freeze® Thawing Kit contains:

- 2 X 5 ml vials of Fast Freeze® Thaw Solution 1 (white cap), Sucrose, and 10 mg/ml HSA in global® w/ HEPES
- 1 X 5 ml vial of Fast Freeze® Thaw Solution 2 (blue cap), Sucrose, and 10 mg/ml HSA in global® w/ HEPES
- 1 X 5 ml vial of Fast Freeze® Thaw Solution 3 (green cap), Sucrose, and 10 mg/ml HSA in global® w/ HEPES
- 1 X 5 ml vial of Fast Freeze® Thaw Solution 4 (yellow cap), Sucrose, and 10 mg/ml HSA in global® w/ HEPES
- 1 X 5 ml vial of Fast Freeze® Thaw Solution 5 (red cap), Sucrose, and 10 mg/ml HSA in global® w/ HEPES
- 10 X Universal GPS® dishes, sterile, endotoxin and MEA tested



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