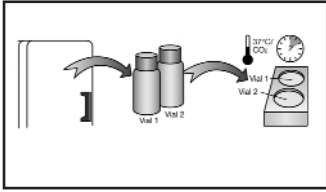
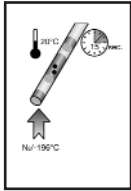


Procedure (BlastThaw™):

The thawing procedure is intended to be performed under a stream of CO₂ in air and the intensity of the stream is regulated according to the colour of the media in order to maintain pH stability.



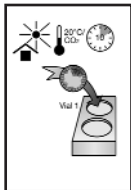
1. Label the dish for thawing solutions and pipette appropriate volumes of thawing solution Vial 1 and Vial 2 into the dish. Equilibrate in CO₂ at 37°C.



2. Remove the straw(s) from the liquid nitrogen and keep at room temperature for 10-15 seconds.

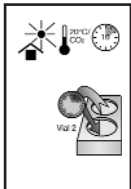
3. Cut the end off a straw, fit an airtight syringe and then cut the other end of the straw.

4. Expel the contents of the straw into a petri dish, while observing the end of the straw through a dissecting microscope. If you do not see all the blastocysts, quickly refill the straw and gently flush. Occasionally the blastocysts will stick to the sides of the straw.

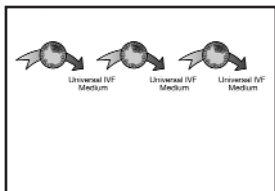


5. As soon as the blastocyst is visualised, it should be recovered from the freezing solution and placed in medium Vial 1 for 10 minutes at room temperature and under a stream of CO₂.

NOTE! The cryopreserved blastocysts are osmotically stressed and should be handled very carefully.

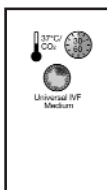


6. Then the blastocyst is transferred to medium Vial 2 for 10 minutes at room temperature and under a stream of CO₂.



7. After thawing, place the blastocysts in pre-equilibrated Universal IVF Medium (Cat.No. 1030/1031) and aspirate them up and down in the pipette 5 times to insure thorough washing

Note! this should take only a few seconds.



8. Transfer to fresh pre-equilibrated Universal IVF Medium and allow blastocysts to recover for a minimum of 30-60 minutes in a CO₂ incubator before embryo transfer.