

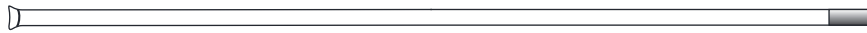
# Cryotop® CL - Closed System

## Vitrification Method

### 1. Device Description

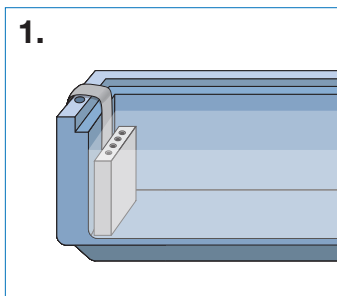


### 2. Cover Straw



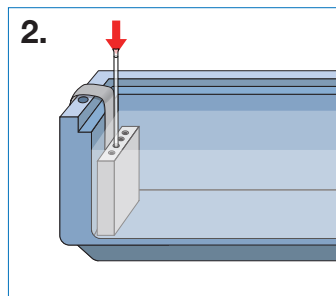
### WARNING

Lifting Cryotop®CL cover straw above the liquid nitrogen may result in damage or rupture of the straw, due to the vaporization of liquid nitrogen and volume increase in the sealed condition.

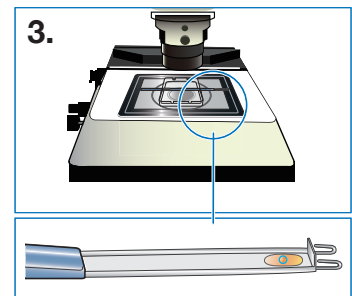


Set the Aluminum Block CL and fill the Cooling Rack with Liquid Nitrogen.

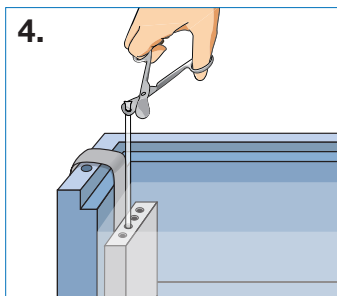
※It takes more than 5 minutes for the Aluminum Block CL to be cooled.



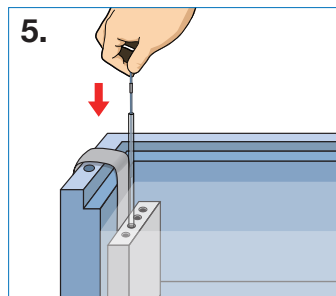
Right before transferring oocytes/embryos from ES into VS1, stand the straw cap on the Aluminum Block CL to cool it.



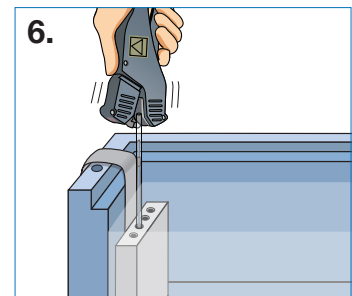
Load oocytes/embryos on to the Cryotop®CL.



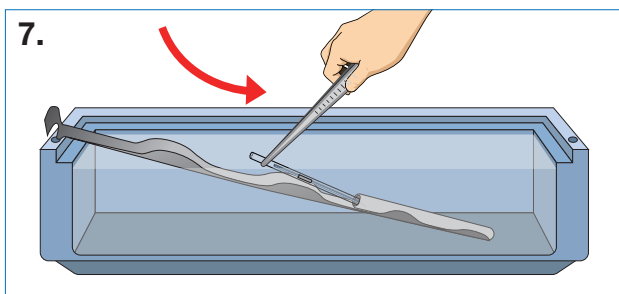
After loading oocytes/embryos, cut the straw cap at the black marking point by using the Straw Cutter.



Introduce the Cryotop®CL in the straw cap.



Immediately, seal the upper part of the straw cap with the sealer.



Put the sealed Cryotop®CL into the cane in Liquid Nitrogen.

**KITAZATO**

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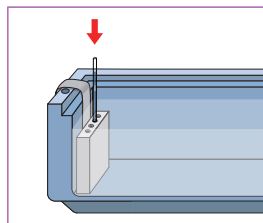
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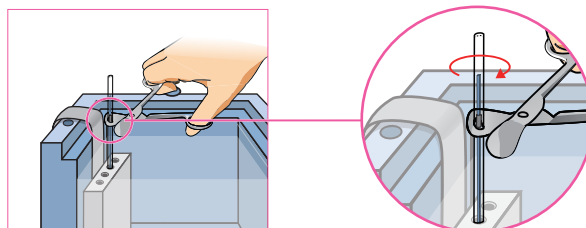
# Cryotop® CL - Closed System

## Thawing Method

1. Stand the Cryotop®CL on the Aluminum Block CL.

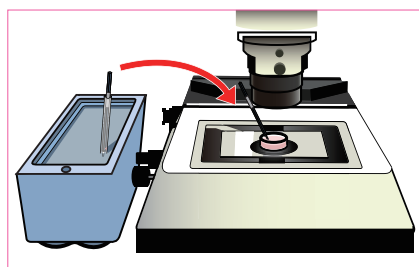


2. Cut the straw cap with the Straw Cutter at the metallic part of the Cryotop®CL.



※Put the cutting blade at the metallic part of the Cryotop®CL and turn the upper part of the straw cap slowly.

3. Quickly transfer the Cryotop®CL to immerse its sheet into Thawing Solution.



Order Number	Code
8113 (*) (* ) = ( Green : 1 Red : 2 White : 3 Blue : 4 Yellow : 5 )	Cryotop®CL
84010	Cooling Rack
84014	Cooling Rack (L)
84122	Aluminum Block CL
84117	Straw Cutter
84118	Sealer (Plug C)
84121	Sealer (Plug A)

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