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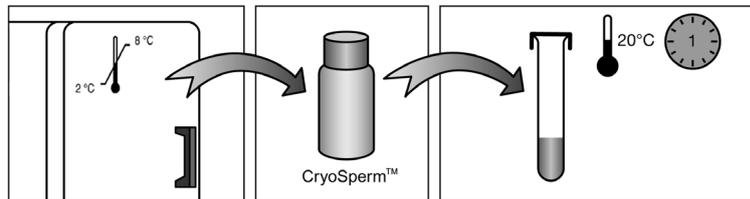
CryoSperm™

Symbol:

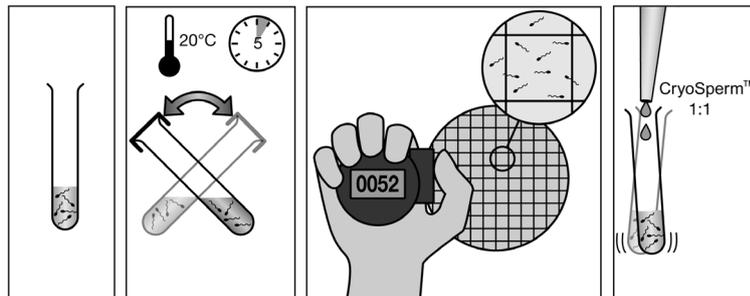


Discard excess (unused) media following warming.

Freezing



Product No.:
1101

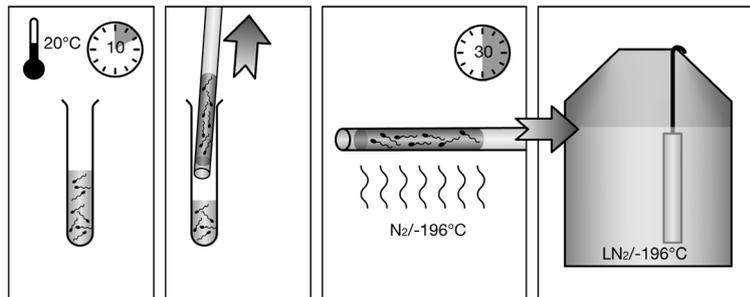


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CryoSperm™

Intended use

CryoSperm™ is for freezing of human spermatozoa.

This product is for IVF treatment of women, whether the cause of infertility is male or female. The product should only be used by professionals trained in IVF treatment.

Composition

Glycerol
Raffinose
Glucose
Sodium pyruvate
Sodium lactate
Physiological salts
Amino acids
Sodium bicarbonate
HEPES
Gentamicin sulphate 10µg/ml

Quality control testing

Sterility tested (Ph.Eur., USP)
pH tested (Ph. Eur., USP)
Endotoxin tested ≤ 0.1 EU/ml (Ph.Eur., USP)
Sperm Survival Test ≥ 80%

Note: The results of each batch are stated on a Certificate of Analysis, which is available on www.origio.com.

Storage instructions and stability

The products are aseptically processed and supplied sterile.

Store in original container at 2-8°C, protected from light.

When stored as directed by the manufacturer the product is stable until the expiry date shown on the vial label.

Do not freeze prior to use.

The product is provided in vials intended for single use.

Excess (unused) media should be discarded.

Precautions and warnings

Do not use the product if:

1. Product packaging appears damaged or if the seal is broken.
2. Expiry date has been exceeded.

Caution:

The potential risk of reproductive or developmental toxicity due to the use of IVF media has not been determined and is still unknown.

Note:

Concentrating the sperm prior to freezing can enhance post-thaw recovery of semen samples with low sperm counts. A final concentration of minimum 10 million/ml is recommended.

To avoid cytotoxic effect from dead spermatozoa etc. it is recommended that the semen sample is prepared soon after collection.

Instructions for use

Freezing:

1. After liquefaction, measure the total volume of the ejaculate and carry out semen analysis as required.
2. Ensure that both semen sample and CryoSperm™ are at room temperature and dilute the semen 1:1 (v/v) with CryoSperm™. The medium should be added drop by drop onto the semen and the solution carefully mixed after each addition.
3. The mixture is left at room temperature for a minimum of ten minutes.
4. Load the diluted semen into straws or cryo-tubes and seal according to the manufacturer's recommendations.
It is very important to leave some air space in the lower part of the straw for sealing as well as to allow expansion of the solution during freezing.
5. Suspend the straws horizontally for 30 minutes, just above the surface of the liquid nitrogen. Cryo-tubes should be attached to a cane and then suspended above the surface of the liquid nitrogen for the same period of time.
6. Finally, transfer the straws or cryo-tubes into the liquid nitrogen and store at -196°C.

Thawing:

1. Warm straws at room temperature for 5 minutes.
2. Open the straws or cryo-tubes according to the manufacturer's instructions and remove the thawed semen.
Immediately prepare sperm by the density gradient or the swim-up procedure.