



0240-01

CryoSperm™

Product No.

1101

Symbols:

Catalogue Number



Batch Code



Sterilized using aseptic processing techniques (filtration)



Keep away from sunlight



Temperature limitation
from 2°C to 8°C



Use by



Consult operating instructions



Technical Services:

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MediCult
Innovation with Care

CryoSperm™

Intended use

CryoSperm is for the cryopreservation of human spermatozoa.

Composition

Glycerol

Raffinose

Glucose

Sodium pyruvate

Sodium lactate

Physiological salts

Amino acids

Sodium bicarbonate

HEPES

Penicillin 50.000 IU/l

Streptomycin 50 mg/l

Quality control testing

Sterility tested (Ph.Eur., USP)

pH tested (Ph.Eur., USP)

Endotoxin tested

≤ 0.1 EU/ml (Ph.Eur., USP)

Not Mouse Embryo Assay (MEA) tested

Sperm Survival tested

Note: The results of each batch are stated on a Certificate of Analysis, which is available upon request.

Storage instructions and stability

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

Do not freeze prior to use.

Discard excess (unused) media following warming.

The product is to be used within 7 days after opening.

When stored directed by the manufacturer the product is stable until the expiration date shown on the vial label

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: US federal law restricts this device to sale by or on the order of a physician (Rx only).

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.

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 before diluting the semen 1:1 (v/v) with the 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 manufacturers recommendations.
It is very important that you 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.

Freezing

