

Andrology

# Sperm Freeze

- Long-Chain Alcohol and Lipid are used as cryoprotectants for sperm. Higher survival rate and motility rate are achieved compared to conventional products.
- SF3-05 is ready to use kit with 0.5mL pre-dispensed in cryovials.
- Easy sperm freezing protocol is practicable by using Sperm Freezing Board.

※ Do not use SF1-10 or SF1-05x5 when there is possibility of causing anaphylaxis with egg yolk.



Order Number	Code	Contents
92209	SF1-10	10mL
92208	SF1-05 x5	0.5mL x 5
92211	SF3-10	10mL
92221	SF3-05 x5	0.5mL x 5

## COMPONENTS

Calcium DL-Lactate / Egg Yolk / Gentamicin / Glycerol / Glycine / Lauryl alcohol / Magnesium Sulfate / Potassium Chloride / Recombinant Human Albumin / Sodium Bicarbonate / Sodium Chloride / Sodium Phosphate / Tocopherol /Trehalose / Tris

## QUALITY CONTROL

pH 7.2-7.6 / Osmolality / Endotoxin<0.25EU/mL / Sperm Survival (45min.) ≥60% / Sperm Cryosurvival ≥0.5 / Sterile Filtration / Sterility Test

Storage: -20°C / Shelf Life: 12 months

## PROTOCOL

- 1 Fill more than 20 cm depth of Liquid Nitrogen in a styrol container and float Sperm Freezing Board on it.  
*Note: Use of styrol container with good height gives less effect of outer. This enables sperm freezing to be processed in the stable condition.*
- 2 Put the same amount of semen and Sperm Freeze medium: 500µL each in a cryovial then mix well. It is recommended to wrap the vial with parafilm after closing the cap.
- 3 Set the cryovial at the very bottom of the ampule cane and place it on the Sperm Freezing Board.  
*Notes: Lean the ampule cane by 45 degrees using the edge of Styrol Container. Lid the container to avoid effect from outer air.*
- 4 5 min. later, plunge it into Liquid Nitrogen. Then, immediately transfer to a storage tank.

- Specification may change without pre-notice for purpose of product improvement.
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