

SpermCatch™

Intended Use: Summary and Explanation

SpermCatch™ is a sterile isotonic salt solution. It is optimised for slowing sperm motility prior to ICSI and is ready to use in direct replacement for PVP products.

Components

Sodium chloride	Water
Potassium chloride	Glucose
Magnesium sulphate	Calcium lactate
Potassium dihydrogen phosphate	Pyruvate
Sodium bicarbonate	EDTA
Human serum albumin (hSA)	HEPES
Hyaluronic Acid	

Performance Characteristics

pH	7.0-8.5
Osmolality (mOsm/kg H ₂ O)	300-320
Endotoxin levels	<1.0 EU/mL

Contents assayed by motility-reduction of human sperm

Bottles and screw caps are M.E.A. tested

Protein Supplementation

SpermCatch™ contains the component human serum albumin. (hSA). The human serum albumin is manufactured from human blood donated in the United States. The blood donors who supply the human plasma are tested for various viruses before being allowed to donate blood for this purpose. Each plasma donation is individually tested for ALT, HBs antigen, HIV-1/2 antibody and HCV antibody by ELISA. Only those plasma donations found non-reactive for those antibodies have been used for the manufacture of the hSA component. The plasma pool is tested again before manufacture of the hSA product.

Storage and Stability

Store unopened bottles at 2 to 30°C and avoid temperatures above or below these values. Under these conditions SpermCatch™ has a shelf-life of 12 months. The expiry date is shown on both bottles and cartons.

Open and close bottles under aseptic conditions. After opening, store at 2 to 8°C when not in use. Shelf-life on the product label applies when the product is stored according to manufacturer's recommendations.

No antibiotics, unstable additives or preservatives have been added by the manufacturer to SpermCatch™.

Precautions and Warnings

- Use aseptic procedures at all times
- SpermCatch™ does not represent any fire or combustion hazard. A material safety data sheet is available from the distributor or manufacturer (see nidacon.com)
- Do not use any solution which shows evidence of bacterial contamination
- Do not use contents if tamper-evident seal is broken
- Federal Law (USA) restricts this device to sale by or on the order of a physician
- Please check for regulatory compliance governing the use of ART products in your country

Ordering Information

Volume
6x100 µL

Article No.
SC-100



www.nidacon.com

For further technical information or assistance, please contact your distributor or the manufacturer.




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Reagents and Equipment

- SpermCatch™
- NidOil™
- Injection media
- Petri dish
- Sterile Pipettes
- ICSI equipment

Procedure for the use of SpermCatch™

Bring all solutions to room temperature.

1. Place a 10 μ L drop of SpermCatch™ in the middle of a Petri dish
2. Place 4 drops of 10 μ L injection media spread around the SpermCatch™ drop in the Petri dish
3. Immediately cover the drops with NidOil™
4. Incubate for 30 minutes in 5-6% CO₂ environment at 37°C
5. Add 1 μ L of prepared sperm suspension to the middle of the SpermCatch™ drop
6. Incubate for 10 minutes in 5-6% CO₂ environment at 37°C
7. Fill your injection pipette with SpermCatch™ to avoid the sperm sticking to the inside of the pipette
8. Immobilise the individual sperm by using the injection pipette to "knick" the tail of the sperm
9. Aspirate the immobilised sperm and inject according to your standard procedure

