

# Sperm CryoProtec™ II

- Optimised for freezing human sperm.



## The King of Cryo

Optimised solution for protecting human sperm from damaging effects of freezing and thawing, developed free from human serum albumin.

To reduce intracellular water and injury caused by ice crystal formation, the **Sperm CryoProtec™ II** contains osmotically active ingredients. Three times as cost effective as our previous formulation.

# Sperm CryoProtect™ II



## The Queen of Protection

*Sperm CryoProtect™ II* and its ionic composition have been designed to complement *PureSperm® Wash* which is used for washing the sperm pellet after a *PureSperm®* gradient. These products together form an integrated optimised system for sperm preparation.

*12 months shelf life*

### Technical Information

*Sperm CryoProtect™ II* is a sterile, isotonic HEPES-buffered salt solution, containing glycerol.

### Performance characteristics

pH	7.3 - 8.5
Endotoxin levels	<1.0 EU/mL
Recovery rate of the original spermatozoa after freezing and thawing	>50%
Contents are tested by human sperm survival only	
Bottles and stoppers are 2-cell M.E.A tested	

### Components

Ions of calcium, carbonate, chloride, magnesium, phosphate, potassium, sodium & sulphate  
WFI quality water  
Glucose  
Lactate  
Pyruvate  
EDTA  
HEPES  
Glycerol

### Ordering Information

Volume	Article No.
2 x 20 mL	SCP-020
1 x 100 mL	SCP-100

### Storage conditions and shelf life

Store unopened at ambient temperature for up to one year from production date. After opening under sterile conditions, store sealed at 2 to 8°C.



[www.nidacon.com](http://www.nidacon.com)

Nidacon International AB

E-mail [contact@nidacon.com](mailto:contact@nidacon.com)

Tel: +46 31 703 06 30 Fax: +46 31 40 54 15

