

Sperm CryoProtec™

Optimised for freezing human sperm.



Optimised

Optimised solution for protecting human sperm from damaging effects of freezing and thawing. Contains no human serum albumin.

To reduce intracellular water and injury caused by ice crystal formation, Sperm CryoProtec™ contains osmotically active ingredients.

Optimised procedure with the unique sample carrier - the CryoFoater.

Sperm Cryo Protec™



Protecting the sperm

Sperm Cryo Protec™ is optimised for freezing both gradient prepared sperm and for unprocessed ejaculates.

Sperm Cryo Protec™ is a sterile, HEPES-buffered salt solution, containing glycerol, the proportion being reduced as far as possible to minimize toxicity to sperm, while still providing cryoprotection.

Moreover, a high concentration of glucose is present as an osmotic agent to reduce intracellular water; thus diminishing damage due to ice-crystal formation.

Sperm Cryo Protec™ contains no Human Serum Albumin.

Long shelf-life

12 months

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.

Performance characteristics

pH 7.5 - 8.5

Endotoxin levels (EU/mL) <1.0

Recovery rate of the original motile spermatozoa after freezing and thawing >50%

Contents are tested by human sperm survival only. Bottles and stoppers are M.E.A tested.

Components

Sodium chloride	Calcium lactate
Potassium chloride	EDTA
Magnesium sulphate	HEPES
Potassium dihydrogen phosphate	Glucose
Sodium bicarbonate	Glycerol
Sodium pyruvate	Purified water



Ordering Information

Volume	Article No.
2 x 20 mL	SCP-020



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