

# SpermCryo™ All-round

## PRODUCT INFORMATION

### SpermCryo™ All-round

**Product no.**  
SPCA-0020

2 x 10 ml

#### Application

SpermCryo™ All-round is a four times concentrated HEPES buffered sperm cryoprotectant for freezing human semen, purified spermatozoa and testicular biopsies (TESA/TESE).

#### Composition

SpermCryo™ All-round is composed of Potassium chloride, magnesium sulphate, sodium hydrogen phosphate, sodium carbonate, calcium lactate, HEPES, sucrose, glucose, glycine, sodium chloride, glycerol and human serum albumin.

#### Quality Control

- pH: 7.4 ± 0.2 (25° C)
- Endotoxin: < 1 EU/ml
- Sterility
- Sperm survival test

#### Shelf Life

18 months from production date.  
Store refrigerated (2°- 8° C).

#### Sterility

SpermCryo™ All-round is manufactured under sterile conditions and sterility is ensured by testing each batch. Sterility tests verify the absence of viable microorganisms (bacteria, yeast and fungi).

#### Packages

SpermCryo™ All-round is supplied sterile filtered in pharmaceutical grade borosilicate glass bottles with Teflon-coated rubber stoppers and tamper proof seals. For freezing of approximately 20 ejaculates.



INTERNATIONAL

Vesterbro Torv 1-3,5 • 8000 Aarhus C • Denmark  
Phone (+45) 70 25 00 21 • Fax (+45) 70 14 14 74  
e-mail: [info@cryosinternational.com](mailto:info@cryosinternational.com)  
[www.cryosinternational.com](http://www.cryosinternational.com)

Distributor:

(Instructions for use on back page)

# SpermCryo™ All-round

## Instructions for use

Allow the semen to liquefy at room temperature for 30 minutes. Preheat SpermCryo™ All-round to room temperature.

### Freezing

- Add 1 part SpermCryo™ All-round to 3 parts semen (or purified spermatozoa / TESE / TESA preparation). See table below.
- Add SpermCryo™ All-round slowly and dropwise while mixing the sample.
- Incubate the sample for 10 minutes at room temperature. Mix occasionally.







- Fill the mixture into straws/ampoules in accordance with the manufacturer's instructions.
- Freeze the straws/ampoules using either a programmable freezing machine or equilibrate the straws horizontally in liquid nitrogen vapour just above the level of liquid nitrogen for 30 minutes.
- Plunge the straws/ampoules into liquid nitrogen and transfer to storage tank.

### Thawing

- Thaw the straws/ampoules in water (30°-37° C) for 30 seconds.

Sample volume(ml)	SpermCryo™ All-round (ml)	Sample volume(ml)	SpermCryo™ All-round (ml)	Sample volume(ml)	SpermCryo™ All-round (ml)	Sample volume(ml)	SpermCryo™ All-round (ml)
0.6	0.20	3.5	1.17	6.4	2.13	8.2	2.73
0.7	0.23	3.6	1.20	6.5	2.16	8.3	2.76
0.8	0.27	3.7	1.23	6.6	2.20	8.4	2.80
0.9	0.30	3.8	1.27	6.7	2.23	8.5	2.83
1.0	0.33	3.9	1.30	6.8	2.26	8.6	2.86
1.1	0.37	4.0	1.33	6.9	2.30	8.7	2.90
1.2	0.40	4.1	1.37	7.0	2.33	8.8	2.93
1.3	0.43	4.2	1.40	7.1	2.36	8.9	2.96
1.4	0.47	4.3	1.43	7.2	2.40	9.0	3.00
1.5	0.50	4.4	1.47	7.3	2.43	9.1	3.03
1.6	0.53	4.5	1.50	7.4	2.46	9.2	3.06
1.7	0.57	4.6	1.53	7.5	2.50	9.3	3.10
1.8	0.60	4.7	1.57	7.6	2.53	9.4	3.13
1.9	0.63	4.8	1.60	7.7	2.56	9.5	3.16
2.0	0.67	4.9	1.63	7.8	2.60	9.6	3.20
2.1	0.70	5.0	1.66	7.9	2.63	9.7	3.23
2.2	0.73	5.1	1.69	8.0	2.66	9.8	3.26
2.3	0.77	5.2	1.73	8.1	2.70	9.9	3.30
2.4	0.80	5.3	1.76				
2.5	0.83	5.4	1.80				
2.6	0.87	5.5	1.83				
2.7	0.90	5.6	1.86				
2.8	0.93	5.7	1.90				
2.9	0.97	5.8	1.93				
3.0	1.00	5.9	1.96				
3.1	1.03	6.0	2.00				
3.2	1.07	6.1	2.03				
3.3	1.10	6.2	2.06				
3.4	1.13	6.3	2.10				

Graphical symbols used on the labels are in accordance with the European Standard for labelling of medical devices (EN 980:2003).	
SYMBOL	MEANING
	Catalogue number
	Batch code
	Use by (expire date)
	Temperature limitations (store at 2°- 8° C)
	Sterile medical device processed using aseptic technique (sterile filtration)
	Consult instructions for use