

CryoSperm™

For HSA-free cryopreservation of human spermatozoa

- For cryopreservation of human spermatozoa
- Free of proteins and any components of animal origin
- Ready to use



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CryoSperm™ is a ready-to-use, HSA-free sperm freezing medium using a blend of glycerol and raffinose as cryoprotectants. The medium is free of any proteins and components of animal origin.

Raffinose is a trisaccharide, which functions as an extracellular (non-permeating) cryoprotectant, while glycerol permeates the cell membrane and functions intracellularly. The combination of raffinose and glycerol has previously been shown to significantly improve the fertilizing ability of frozen-thawed spermatozoa (Tada et al 1990).

The CryoSperm™ protocol follows the traditional 1:1 mix with seminal plasma.

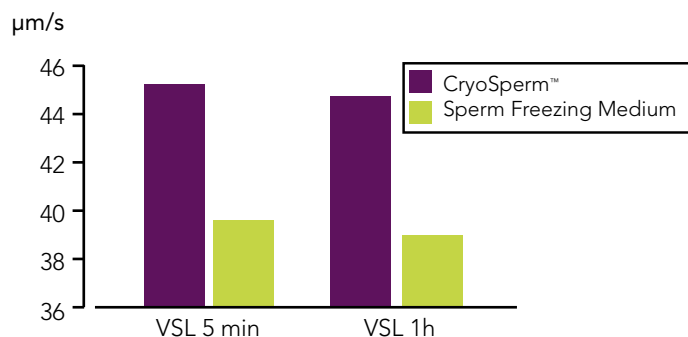
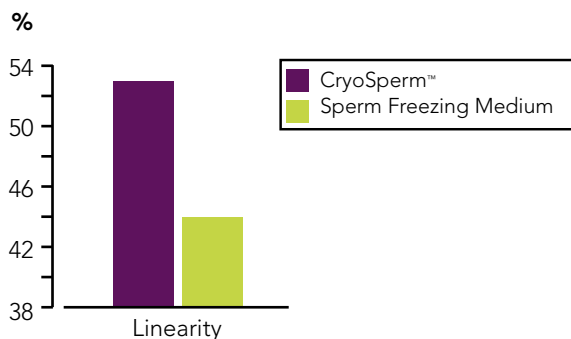
Clinical documentation

CryoSperm™ has been compared to Sperm Freezing Medium (product no. 1067) in three independent studies at Clermont-Ferrand (F), Rennes (F), and Nordic Cryobank (DK).

All parameters examined in all three studies showed equal or better results in CryoSperm™.

CryoSperm™ yielded significantly better:

- Straight-line velocity (VSL)
- Motility
- Amplitude of lateral head displacement (ALH)
- Linearity
- Vitality



References

Tada et al. (1990) J Reprod Fertil 89(2):511-6
Hammerstedt et al (1990) J Androl 11(1):73

Quality control testing

- Sterility tested (Ph. Eur., USP)
- pH tested (Ph. Eur., USP)
- Endotoxin tested ≤ 0.1 EU/ml (Ph. Eur., USP)
- Sperm survival tested

Note: The results from each batch are stated on a Certificate of Analysis, which is available on www.origio.com.

Catalog No.

11010010 CryoSperm™ (1 x 10 ml)

Contact

Please visit www.origio.com to find your local ORIGIO MediCult Media distributor or contact ORIGIO directly at the address listed below.