Rapid-i vitrification of cleavage stage embryos

Short Protocols Rapid-i Vitrification System

For detailed information, consult the Instructions for use for RapidVit Cleave, RapidWarm Cleave and Rapid-i Kit



Pre-caution: Discard product if bottle integrity is compromised. Do not use if solution appears cloudy. Ensure Rapid-i Kit packaging is intact and use by date has not expired. Ensure Rapid-i is intact before starting procedure.



Rapid-i warming of cleavage stage embryos

For detailed information, consult the Instructions for use for RapidVit Cleave, RapidWarm Cleave and Rapid-i Kit



Step 4 Expose to Warm 1 Cleave

Quickly (within 1 second) but carefully, move the Rapid-i and plunge it into Warm 1 Cleave.



Verify that the embryos are released in the medium and then remove the

The total exposure time, from plunging the samples into Warm 1 Cleave, should be

Warm 1 Cleave: 10-30 seconds

Step 5 Expose to Warm 2 Cleave

Pick up the embryos with minimal volume to avoid dilution.

Transfer the embryos into Warm 2 Cleave

Warm 2 Cleave: 1 minute

Step 6 Expose to Warm 3 Cleave

Pick up the embryos with minimal volume to avoid dilution.





Warm 3 Cleave: 2 minutes

Step 7 Expose to Warm 4 Cleave

Pick up the embryos with minimal volume to avoid dilution.

Transfer the embryos into Warm 4 Cleave and leave for 5 minutes.



Rinse the embryos in culture medium several times.

Culture according to laboratory practice.



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