

FertiCult™ Aspiration medium

Cell culture medium for human oocyte pick-up



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GENERAL INFORMATION

FertiCult Aspiration medium is a ready to use formulation for oocyte pick-up.

FertiCult Aspiration medium contains HEPES; no CO₂ incubation is required.

As with all IVF media, FertiCult Aspiration medium has to be pre-incubated in the incubator for 12 hours before use (with lid closed).

COMPOSITION

FertiCult Aspiration medium is a ready-to-use HEPES-buffered medium which contains bicarbonate, physiologic salts, glucose, lactate and 2.5 IU/ml heparin. Gentamicin Sulfate can be added by the user (10 mg/liter).

MATERIAL INCLUDED WITH THE KIT

Product code	Product description
ASPI020	5x 20ml FertiCult Aspiration medium
ASPI100	5x 100ml FertiCult Aspiration medium

MATERIAL NOT INCLUDED WITH THE KIT

- Incubator at 37°C (No CO₂)
- Petri dishes
- Microscope
- Test tubes
- LAF bench (ISO 5 environment)
- Rubber free syringe (e.g. Braun Injekt)

PRODUCT SPECIFICATIONS

- Chemical composition
- pH: between 7.30-7.60 (Release criteria)
- Osmolality: 270-290 mOsm/kg
- Sterility: sterile (SAL 10⁻³)
- Endotoxins: < 0.25 EU/ml
- Mouse Embryo Assay (blastocysts after 96h): ≥ 80% after 60min of exposure (zygote stage)
- Use of Ph Eur or USP grade products if applicable
- Certificate of analysis and MSDS are available upon request

PRE-USE CHECKS

- Do not use the product if it becomes cloudy, or shows any evidence of microbial contamination
- Do not use the product if seal of the container is opened or defect when the product is delivered

STORAGE INSTRUCTIONS

- Store between 2-25°C, once opened store between 2-8°C
- Do not freeze before use
- Keep away from (sun)light
- The products can be used safely up to 7 days after opening, when sterile conditions are maintained and the products are stored at 2-8°C
- Do not use after expiry date
- Content cannot be re-sterilized after opening

WARNINGS AND PRECAUTIONS

All human, organic material should be considered potentially infectious. Handle all specimens as if capable of transmitting HIV or hepatitis. Always wear protective clothing when handling specimens. Always work under strict hygienic conditions (e.g. LAF-bench ISO Class 5) to avoid possible contamination.

METHOD

OOCYTE COLLECTION

At oocyte collection, keep FertiCult Aspiration medium at 37°C or as close to this as possible.

Take about 20-50ml at a time, using a rubber free syringe (e.g. Braun Injekt). Assemble needle and tubing set according to manufacturer's instructions.

Attach syringe containing FertiCult Aspiration medium to the appropriate Luer, allowing connection to the lumen of the needle.

The person holding the syringe should try to apply warmth to it by holding it in the palm of the hand covering as much of the syringes surface as possible.

During aspiration of follicles, if an ovum is not extracted after a follicle has been emptied, flushing is indicated. The collapsed follicle may be refilled with FertiCult Aspiration medium, after which it may be aspirated once again. This may be repeated again and again, after refilling the syringe with fresh warm aspiration medium each time, until an ovum is recovered or the surgeon decides to abandon the follicle (after three attempts at flushing it may be sensible to move on, but the ultimate decision remains with the surgeon).



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