



DENUDATION KIT

Hyaluronidase 80 IU/ml
W/Gentamicin sulfate
W/Human serum albumin
W /HEPES buffered HTF

A. USAGE:

- For cleans fresh oocytes prior to ICSI or other Assisted Reproductive Technologies (ART) Procedures.

B. CONTENTS:

- Hyaluronidase solution (**HS**).
- Product insert.

C. STORAGE:

- The kit keeps dry at **2 – 8 °C**.

D. STERILITY:

- Sterile filtered.

E. COMPOSITION:

Inorganic salts

Sodium chloride
Potassium chloride
Magnesium sulfate
Potassium phosphate
Calcium chloride

Buffers

Sodium bicarbonate
HEPES

Antibiotics

Gentamicin sulfate

Energy sources

Dextrose

Pyruvate

Lactate

Protein

Human serum albumin

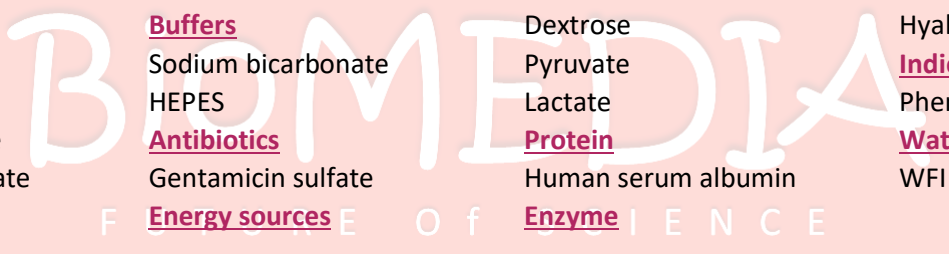
Hyaluronidase

Indicator

Phenol red

Water

WFI quality



F. PRECAUTIONS:

- Respect storage conditions of the product.
- Do not use the product after its expiry date.
- Do not use the product packaging appears damaged or if the seal is broken.
- Store product in an area protected from light.
- Manipulate the product in aseptic conditions (e.g.: under laminar air flow).
- Wear clothes adapted to the manipulation of the product to avoid contamination (e.g.: gloves, mask, hygiene cap, overall, ... etc.).
- The product is intended to be used in vitro, in laboratory only.
- Do not use it in therapy, human or veterinary applications.

G. PROCEDURES:

- BioMEDIA provide easy denudation protocol for oocytes
- Pre-equilibrate the Hyaluronidase Solution to **37 °C** before use.
- Dispense contents of the vial into an appropriate culture dish and place the oocytes in the Hyaluronidase solution for no more than **30 seconds** while stripping off the surrounding cumulus cells with continuous pipetting.

- Immediately remove the oocytes with a minimal volume of solution (leaving behind as much cumulus as possible) and transfer to wash medium.
- Aspirate the oocytes with a pipette to remove any remaining cumulus and corona cells.
- Wash the denuded oocytes 2 more times until completely denuded.
- Denuded oocytes should be cultured for a minimum of **30 – 60 minutes** before beginning ICSI procedures.

H. TECHNICAL ASPECTS:

1. Do not expose to temperatures greater than **37 °C**.
2. Do not expose oocytes to the Hyaluronidase solution for greater than **30 seconds**.
3. This buffering system provides optimum pH maintenance over the physiologic range (7.2 – 7.4) and does not require the use of a CO₂ incubator.

