



SPERM ACTIVE MEDIA

W/HEPES, W/Phenol red, W/Gentamicin sulfate
W/Pentoxifylline

A. USAGE:

- SPERM ACTIVE MEDIA initiates motility in immotile epididymal or testicular spermatozoa (necrozoospermia) and help to get higher fertilization rate.

B. STORAGE:

- Keep dry at 2 – 8 °C.

C. STERILITY:

- Sterile Filtered.

D. COMPOSITION:

Inorganic salts

Sodium chloride
Sodium phosphate
Potassium chloride
Magnesium sulfate
Calcium chloride

Buffers

Sodium bicarbonate
HEPES

Amino Acids

Essential
Non-essential

Antibiotics

Gentamicin sulfate

Energy Sources

Dextrose
Pyruvate

Active Ingredient

Pentoxifylline

Others

Phenol red
Water
WFI Quality.

E. 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.

F. PROCEDURES:

1. Open the bottle in aseptic conditions (e.g.: under laminar air flow).
2. SPERM ACTIVE MEDIA is HEPES buffered media, don't equilibrate in a CO₂ incubator, just warm it up to 37°C.
3. Sperm preparation by diluting sample (epididymal or testicular) to SPERM ACTIVE MEDIA in ratio 1:10 dilution.
4. Wait for 10 minutes, The activating effect initiates after a few minutes and lasts for up to one hour.
5. The dish containing diluted sample should be placed on a heating plate at 37 °C during the diagnostic evaluation.
