



Semen Extender

This extender has been prepared and packaged under strict quality control procedures and has been tested and determined to be free of any microbial at the time of packaging.

All equipment that comes in contact with the extender and semen should be clean, dry, and sterile, and at room temperature, free of any foreign material, cleaning solution and disinfectants.

When the prescribed procedures for dilution and storage are followed, the extended semen can be stored for up to six (6) hours under controlled conditions explained in the procedures.

It is not necessary to store the extender under refrigeration.

Procedure for Dilution

1. Semen collections and dilutions can be made at room temperature.
2. Care should be taken to avoid contamination of the semen with faeces, urates, etc.
3. The temperature of the extender should be at 68°F (20°C) to 77°F (25°C) before being mixed with the semen.
4. Semen is packaged in glass ampoules.
5. Semen and extender should be mixed at a 1 to 1 ratio.
6. Gently, but thoroughly mix the semen and extender with a pipette. Do not shake or agitate vigorously.

Procedure for Storage

1. Depending upon the volume, the diluted semen can be stored in either a test tube or an Erlenmeyer flask. If diluted semen is to be stored for longer than 1 hour and if volume is more than 1 ml (cc), the diluted semen should be stored in an Erlenmeyer flask.
2. Allow for plenty of air space in the container.
3. Cover tube or flask with aluminium foil. Do not stopper with cotton plug, rubber stopper, etc.
4. Place tube or flask in a beaker with enough water to reach the level of the semen in the flask. Temperature of water = 77°F (25°C).
5. The water bath with the extended semen can be stored at a temperature of 41°F (5°C) until the semen is needed for insemination.
6. The stored, extended semen can be used for up to 6 hours. During the storage period, the extended semen should be continually agitated so that the sperm cells do not settle to the bottom of the container.

NOTICE

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