

Sensifluids

Freeze-dried antimicrobial media supplements for *in vitro* sensitivity testing

Description

Sensifluids are vials of freeze dried antibiotics at specified concentrations for dissolution in a specified volume of culture medium. The product is supplied as a lyophilised vial containing an accurately controlled amount of the antibiotic with an inert stabilising agent.

The products are available from the stock list or are made to order. They cover any practicable concentration of antibiotic and volume of culture medium (agar or broth), from as little as 100mls to as much as 5000mls.

Precautions

This product is for *in vitro* diagnostic use, and should be used by properly trained laboratory professionals.

Avoid contact with eyes, skin and clothing.

Dispose of as clinical waste.

Storage

Store at 2-8°C.

Sensifluids should not be used if packaging is damaged, if the expiry date has passed, or if there are other signs of deterioration or contamination.

Store the prepared medium according to manufacturer's recommendations.

Instructions for use

Sensifluids should be used according to the recommendations of the manufacturer of the medium with which they are to be used.

Procedure

1. Make up the appropriate volume (see vial label) of medium, and sterilise according to the manufacturer's recommendations.
2. Allow to cool to 45°C.
3. Rip off the plastic cap from the sensifluid vial and discard.
4. Using aseptic technique, remove the rubber bung and avoid further contamination.
5. Add 2ml of sterile water and allow to dissolve. A larger volume may be used at the laboratory's discretion.
6. Add the contents of the vial to the medium.
7. Mix carefully and distribute medium into suitable sterile containers.
8. Store the plates in a manner to minimise desiccation at 2-8°C.
9. Replicate the test organisms onto the plates according to national recommended procedures.

Quality Assurance

All lot numbers have been reconstituted in sterile water, and tested for sterility, and content using the quality control organisms listed below, and have been found to be acceptable.

Staphylococcus aureus NCTC 6571

Escherichia coli NCTC 10418

Klebsiella pneumoniae NCTC 11228

Pseudomonas aeruginosa NCTC 10701

Micrococcus flavus

Bacteroides fragilis

Streptococcus pneumoniae

β -haemolytic *Streptococcus pyogenes* Group A

Haemophilus parainfluenzae

Haemophilus influenzae

Bacillus subtilis

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