

49862 Nitrocefin disks

For the rapid detection of β -lactamase enzymes in isolated colonies of *Neisseria gonorrhoeae*, *Moraxella catarrhalis*, *Staphylococcus spp.*, *Haemophilus influenzae* and anaerobic bacteria.

Contents:

(1 package contains 50 discs in a light resistant plastic vial.)
6mm diameter filter paper discs impregnated with Nitrocefin.

Storage:

Store in the freezer below -10°C in the containers provided. Allow to equilibrate to room temperature before opening then return to freezer storage immediately after use.

Directions:

Place the required number of Nitrocefin disks into a clean empty Petri dish or onto a microscope slide. Discs may be moistened with one drop of deionised water. Do not over-moisten. Using a sterile loop or applicator stick remove several well-isolated and similar colonies and smear onto the surface of a disc. Alternatively: moisten the disc with one drop of deionised water, then holding the disc in forceps, wipe across a colony on an agar plate. Observe the inoculated disc for the development of a red colour.

Interpretation of results:

Positive - Development of a red colour in the area of the disc where the culture was applied. Note the colour change does not normally develop over the whole of the disc.

Negative - No colour change.

A positive result should be interpreted as resistance to penicillin or cephalosporin activity. Susceptibility should be confirmed by standard growth-dependent susceptibility testing methods. Negative results imply but do not guarantee susceptibility.



