

NeoBAC Antibiotic

#Cat: NB-11-0074 Size: 4ml

Product Description:

This product was developed to address the problem of bacteria in cell culture. NeoBac is delivered as a 500x concentrate which, at working strength (1:500v/v dilution in complete medium) exhibits Minimum Inhibitory Concentration (MIC) according to standard protocols against the listed species of microorganism.

NeoBac may also be used at double working strength (1:250 v/v) at which concentration it exhibits Minimum Bactericidal Concentration (MBC), which generally does not exceed the MIC by more than a factor of 2. NeoBac may also be used at ten times working strength (1:50 v/v) at which concentration it exhibits mycoplasmacidal properties. This dosage is well tolerated by most mammalian cells in vitro for short periods of time. NeoBac contains the synthetic fluoroquinolone Ciprofloxacin, with a wide range of in vitro activity against a wide range of Gramnegative and Gram-positive microorganisms.

Cell Systems media and reagents are sterile, made with WFI and all components are cGMP and ISO Compliant.

Components:

NeoBac comes in 4mL and 10mL vials.

Storage:

Store NeoBac at -20°C until ready to use. If an entire 500mL unit of Cell Systems medium will not be used within 30 days, activate the medium with growth supplement and NeoBac then aliquot and freeze in smaller units which will be used within 30 days stored at +2-8°C.

Product Use:

NeoBac is for laboratory research only. It is not approved for human or animal use, or for application in in vitro diagnostic procedures.

Shipping:

All medium and reagents shipped at ambient temperature.

Instructions for Use:

Make sure all work surfaces are disinfected. Spray the outside of your gloves prior to work under the hood.

- Spray the outside of all tools/instruments (bottles, tubes, racks, etc.) with ethanol solution before bringing them under the hood.
- Open NeoBac and, using pipette, add 1mL to each 500mL of medium.
- Feed culture as usual.