

BD EpiCenter™: A World of Flexibility in Data Management Systems

The BD EpiCenter™ system is the ideal clinical data management solution, tailored to meet the every day operational needs of the microbiology laboratory. It is designed for simultaneously handling data from several BD instruments and other test results performed by the microbiology laboratory.

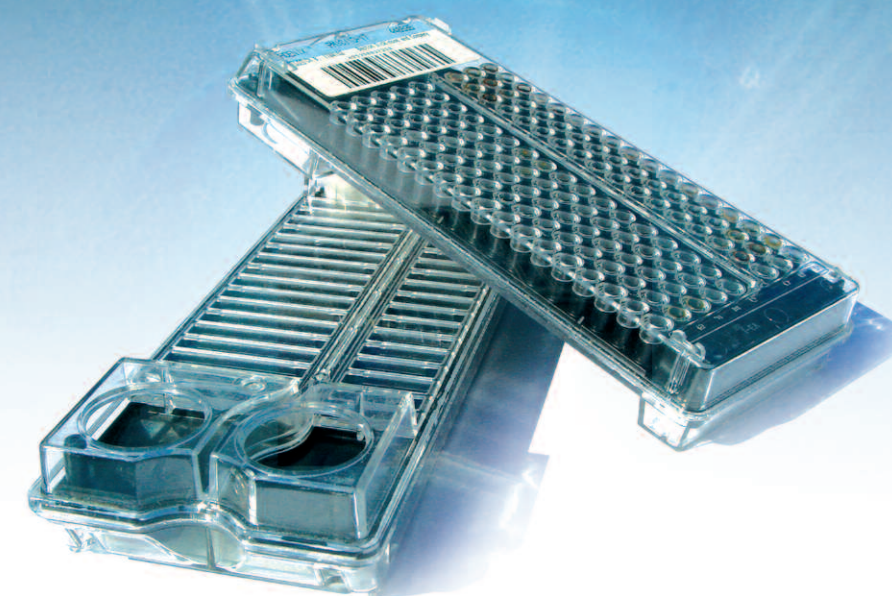


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Choose the Wide Open Solution

The New BD Phoenix™ Streptococci Panel



BD
Helping all people
live healthy lives

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Streptococcus pneumoniae is the single most important cause of community-acquired pneumonia and acute otitis media, and one of the most important pathogens leading to bloodstream infections and meningitis in children and adults. Increasing prevalence of resistant strains in the past 15 years is now threatening the successful treatment of these infections. Many isolates resistant to penicillin are also resistant to other antimicrobial drugs and therapeutic options have become more limited.

Depending on the guidelines, the routine determination of Minimal Inhibitory Concentrations (MICs) of penicillin, cefotaxime or ceftriaxone, meropenem , vancomycin and selected other drugs by a reliable MIC method is now recommended for all patients with serious pneumococcal infections and/or for all streptococci resistant to a selection of antibiotics.

The new Phoenix Streptococci panel provides the following benefits to fulfil your needs:

- ◆ The AST only panel comprises 136 wells fully dedicated to susceptibility testing.
- ◆ More drugs which are fully dedicated to Streptococci.
- ◆ Full range of antibiotic concentrations for the majority of drugs covering wild-type concentrations (Eucast epidemiological cut-offs) and all European guidelines.
- ◆ Full range of antibiotic concentrations, providing you with a real MIC with no additonal tests.
- ◆ By preparing a 0.25 MCF inoculum in the low volume ID tube, only a quarter of the biomass normally used will be necessary.

Together with BD EpiCenter™ you will obtain:

- ◆ Accurate determination of antimicrobial resistance and trends based on the real MIC results and suggested epidemiological cut-offs.
- ◆ New, comprehensive surveillance reports.
- ◆ Real-time alerts and notification as soon as the new resistance markers are detected.



Example of Streptococci Panel Design*

Format: SMIC 10 AST only 136 wells
Cat. No: 448859
Please contact your sales representative for other panel designs.

Antimicrobial	µg/ml
Penicillin	0.03125 - 8
Amoxicillin	0.125 - 32
Cefotaxime	0.0625 - 4
Cefepime	0.0625 - 2
Meropenem	0.06 - 2
Levofloxacin	0.25 - 4
Moxifloxacin	0.0625 - 2
Gentamicin-Synergy	250 - 1000
Kanamycin-Synergy	250 - 1000
Streptomycin-Synergy	250 - 1000
Chloramphenicol	1 - 16
Clindamycin	0.03125 - 2
Erythromycin	0.015 - 4
Daptomycin	0.25 - 4
Linezolid	0.25 - 4
Pristinamycin	0.06 - 2
Telithromycin	0.0625 - 2
Tetracycline	0.06 - 8
Trimethoprim/Sulfamethoxazole	0.5 / 9.5 - 8 / 152
Teicoplanin	1 - 32
Vancomycin	0.06 - 32

Compare this new panel to the current panel you are using for Streptococci !

You will see many more antibiotic concentrations, more drugs which are fully dedicated to Streptococci , new drugs and a panel which is completely adapted to your new challenges.

When associated with the BD EpiCenter™ data-mining tools, you will be able to obtain the most accurate antimicrobial resistance surveillance for improved nosocomial infection control within your institution.

The new panel is easy to implement into your laboratory workflow and will provide many benefits for the rapid detection and AST testing of Streptococci .

The wide open solution empowers the microbiologist to improve productivity and provides maximum value to your laboratory