

Unyvero

Empowering a new standard of care

unyvero



Microbiology is a vital science in treating severe infectious diseases. Unyvero helps by finding the microorganisms and their associated resistance markers faster and easier.

■ Powerful clinical information when it's needed

Conventional microbiology can take 1-4 days for actionable results, during which time a patient's condition can progress rapidly. Speed and efficacy of care is limited by the time and quality of diagnostic information. Unyvero delivers powerful microorganism identification and antibiotic resistance marker detection within the critical first few hours of treatment. The advantages of Unyvero are clear:

- Covers >90% of the most common bacterial microorganisms in 4-5 hours
- Provides early genotypic microorganism and antibiotic resistance identification
- Fully automated multiplex PCR technology with broad detection capabilities
- Automated processing of a wide variety of sample types through a standardized workflow
- Integrates as a valuable adjunct to clinical microbiology workflow
- Simple operation with minimal user intervention or hands-on time

■ Early detection is key to clinical efficacy

Time is of the essence. Never is this more true than when dealing with severe infectious diseases. Experts agree, having rapid and accurate clinical diagnostic information for microorganisms and their associated resistance markers dramatically improves the efficacy of care and clinical outcomes. With the Unyvero as part of the microbiology practice, hospitals can:

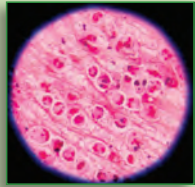
- Empower clinicians with actionable information during the first critical hours of infection
- Expand the speed, accuracy and efficacy of microbiology detection capabilities
- Increase the potential to improve outcomes and reduce length of stay for expensive ICU patients
- Install a broad-base detection platform to support antimicrobial stewardship efforts
- Reduce costs and improve efficiencies through earlier treatment optimization



■ Reducing the time to optimized treatment

There is no comparison. Standard microbiology alone takes up to 4 days to achieve actionable results and requires significant expertise and hands-on complexity. By contrast, the Unyvero can easily be operated by a single user with just 5 minutes of hands-on time. In 4-5 hours, broad-based results for lower respiratory microorganisms and antibiotic resistance markers are reported.

Standard Microbiology Workflow - Up to 4 days



PERFORM
GRAM STAIN



PERFORM
CULTURE

Up to 24 hrs



PATHOGEN
IDENTIFICATION/
INTERPRETATION

- take 2-3 days
- Susceptible integrity and transport issues
- Atypical organisms require special testing and time
- antibiotic use can render results useless



ANTIBIOTIC
SUSCEPTIBILITY
TESTING

Unyvero Workflow - 4 to 5 hours

STEP 1

PREPARE
SAMPLE



STEP 2

INSERT SAMPLE
INTO LYSATOR

~ 30 minutes
sample lysis



STEP 3

ASSEMBLE
CARTRIDGE &
INSERT INTO
ANALYZER

~ 4 hrs sample
analysis



REVIEW
RESULTS

Simultaneously review
both microorganisms
and resistance
markers

