



KeyPath™ MRSA/MSSA Blood Culture Test

Staphylococcus aureus bloodstream infections (BSI) have a fatality risk of 30- to 40-percent, allowing only a small window of time to administer antibiotic therapy to prevent a downward spiral into sepsis.¹ Today's diagnostic methods require 48 to 72 hours to deliver results – meaning doctors must prescribe broad-spectrum antibiotics as treatment, rather than tailoring therapy to their specific patients' needs. Unfortunately, this situation has led to increased antibiotic resistance and higher fatality rates.

Empower better treatment decisions

The KeyPath™ MRS/MSSA Blood Culture Test enables clinicians to optimize therapy by identifying and differentiating methicillin sensitive *S. aureus* (MSSA) from Methicillin Resistant *S. aureus* (MRSA) from Gram-positive blood cultures in just five and a half hours – two days faster than ordinarily possible.

Despite the medical community's best efforts, fatality rates are increasing largely due to antibiotic resistance. Current diagnostic methods require 48 to 72 hours – more time than is clinically permissible – meaning physicians often base treatments on their experience rather than individual patient data.

MicroPhage's Bacteriophage Amplification Technology (BAT™) delivers actionable results when clinicians need them. Simple to perform, without the need for expensive equipment, MicroPhage is making high-value diagnostics accessible to all institutions, large and small.

KeyPath™ AST Benefits

- » Key pathogen results **two days faster** than current methods
- » True **phenotypic** AST results for **confidence**
- » Facilitates earlier **optimization of antimicrobial therapy**
- » Better patient **outcomes**, decreased hospital length of stay, **cost-effective**
- » **Simple** – requires no special equipment or training



Easy-to-Use Platform

- » Accelerated ID and AST results
- » Unbatched test format
- » Direct from blood culture
- » No special equipment
- » Visual interpretation
- » Three minutes hands-on time
- » Results available 5.5 hours
- » Any shift, any facility



Available now: This test is FDA cleared and available for sale in the U.S. This test is CE marked for sale outside the U.S.

www.microphage.com
303.652.5200 / 855.KeyPath (539.7284)

¹ Pfaller et al. *J. Antimicrob. Agent. Chemother.* (42): 1762-1770