



Alere™ PBP2a Culture Colony Test

A cost-effective, targeted approach to aid in the detection of methicillin-resistant *Staphylococcus aureus* (MRSA).

- The MRSA death rate is now higher than the AIDS death rate.¹
- Invasive, serious MRSA infections occur in nearly 94,360 persons each year and are associated with approximately 18,650 deaths.²
- Of these infections, about 86% are healthcare-associated and 14% are community-associated.²

Cost-effective & Reduces Use of Antibiotics

- People infected with antibiotic-resistant organisms like MRSA are more likely to have longer and more expensive hospital stays, and may be more likely to die as a result of the infection.¹

Targeted MRSA Identification

- Rapid MRSA testing aids in reducing empiric use of vancomycin and permits cost-effective decisions for optimal patient management.³



To learn more about cost-effective, targeted, rapid detection of **MRSA**, contact your local Alere Representative.

Alere™ PBP2a Culture Colony Test

Alere PBP2a Culture Colony Test Performance Compared to Cefoxitin (30 µg)
Disk Diffusion in *S. aureus* Isolates: Results by Plate Type

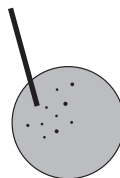
Plate Type	Sensitivity	Specificity	NPV	PPV
Tryptic Soy Agar with 5% sheep blood	98.1%	99.8%	98.4%	98.6%
Columbia Agar with 5% sheep blood	99.0%	98.8%	99.2%	98.6%
Mueller Hinton with 1 µg oxacillin induction	99.5%	98.8%	99.6%	98.6%

Easy to Use

- 1** Add 2 drops of Reagent 1.



- 2** Lightly touch 3 well-isolated colonies with a sterile applicator stick or inoculating needle.



- 3** Place applicator stick or inoculating needle into tube and thoroughly mix.



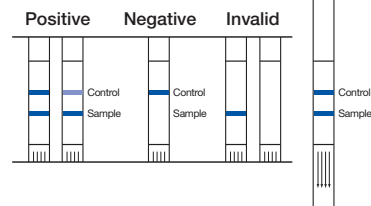
- 4** Add 2-3 drops of Reagent 2 and (If solution does not change from blue to clear, add 1 additional drop of Reagent 2 and thoroughly mix.)



- 5** Insert test strip and read at 5 minutes.



- 6** Interpret Results



- Results in 6 minutes
- Sample from culture (identified as *Staphylococcus aureus*)
- Built-in procedural controls on every test strip

Order Information

Alere PBP2a Culture Colony Test
High Complexity
25 Test Kit
CPT® Code: 87147
Catalog No. **23029989**

1. CDC
2. Klevens et al. Journal of the American Medical Association 2007;298(15):1763-1771.
3. Lodise et al. Clinical and Economic Impact of Methicillin Resistance in Patients with *Staphylococcus aureus* Bacteremia. Diagn Microbiol Infect Dis. 2005 June; 52(2): 113-22.
4. Product Insert
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