

Spend even less time

reliable results after 18 hours

Brilliance™ MRSA 2

Reduce the number of false-positives

Brilliance™ MRSA 2 Agar features a new counter-stain, together with an enhanced formulation, reducing the numbers of false-positive results, even in low MRSA-prevalence settings.

Saves Time

- Results after only 18 hours, helping to minimize the opportunity for transmission
- No need to re-incubate plates

Reduces Cost

- Dramatically reduces false-positive rate compared to other media, minimizing confirmatory testing

Easier to Read

- MRSA colonies are larger with more consistent coloration
- Distinctive blue MRSA colonies
- Non-MRSA colonies are more easily distinguished

Convenient & Easy to Use

- Direct inoculation from swab, isolate or suspension



The performance of *Brilliance* MRSA 2 Agar has been enhanced over that of the original formulation in two ways. The new inhibitory components in the medium inhibit the growth of more non-target organisms. In addition, those organisms that do grow are more easily distinguished from distinctive blue MRSA colonies, through inclusion of a novel pink counter-stain, further improving ease of interpretation.

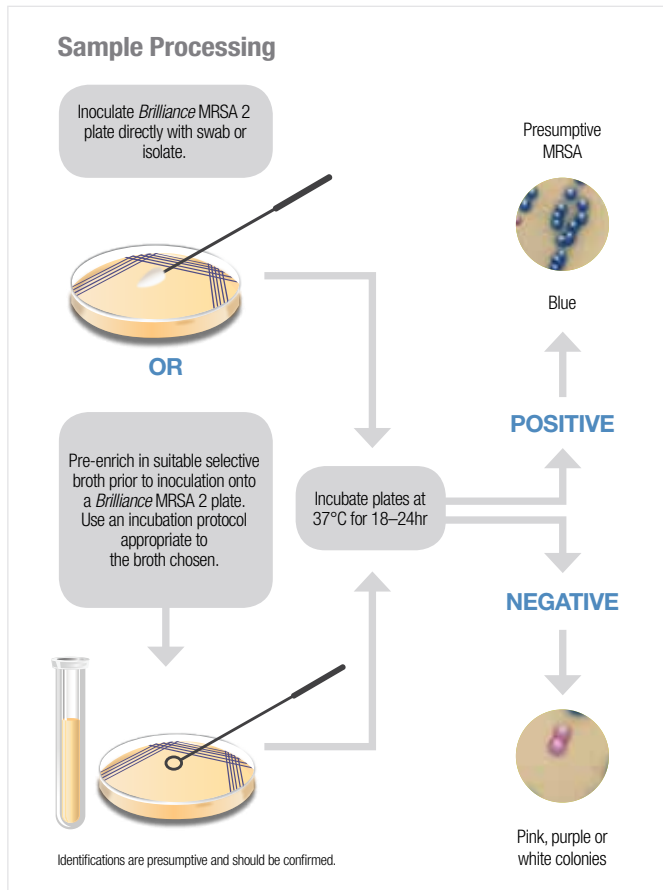
The new *Brilliance* MRSA 2 Agar has been refined to give larger MRSA colonies a more consistent colour than the previous formulation. The improved recovery of MRSA, together with the increased selectivity, makes the new *Brilliance* MRSA 2 Agar an invaluable and efficient tool in the implementation of infection control.

Performance

Two clinical studies were conducted, in the UK and Germany, to evaluate the performance of *Brilliance* MRSA 2 Agar. In the UK, over two thousand routine clinical samples were inoculated onto *Brilliance* MRSA 2 Agar, original *Brilliance* MRSA Agar, and competitor agars A and B, and incubated for 18–24 hr. Oxoid PBP2' latex agglutination test and antimicrobial susceptibility testing were performed to confirm the identification as MRSA. Even in this low prevalence setting, *Brilliance* MRSA 2 Agar yielded excellent positive and negative predictive values (PPV, NPV), identifying the most MRSA-positive samples without a single false-positive result.

UK	PPV* (%)	NPV* (%)
<i>Brilliance</i> MRSA 2 Agar	100.0	99.7
<i>Brilliance</i> MRSA Agar	91.1	99.5
Competitor A	83.3	99.4
Competitor B	95.1	99.4

In Germany, over a thousand clinical samples were inoculated onto *Brilliance* MRSA 2 Agar, original *Brilliance* MRSA Agar, and competitor A agar, and incubated for 20–24 hr. Coagulase test, automated ID/AST and PCR were performed to confirm isolates as MRSA.



Please note, organisms with an atypical enzyme pattern may give anomalous reactions on *Brilliance* MRSA 2 Agar.

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Germany	Sensitivity* (%)	Specificity* (%)
<i>Brilliance</i> MRSA 2 Agar	93.7	99.8
<i>Brilliance</i> MRSA Agar	90.9	98.9
Competitor A	83.2	99.8

In both studies, the performance of *Brilliance* MRSA 2 Agar was superior to the original *Brilliance* MRSA and competitor products, detecting more MRSA than any other plate while producing fewer false-positive results, minimizing unnecessary confirmational work.

Brilliance MRSA 2 Agar

Order Information		
Description	Packaging	Ref
Ready-Poured Plates (UK)	10x90mm plates	PO1210A
Ready-Poured Plates (Rest of Europe)	10x90mm plates	PO5310A
<i>Brilliance</i> MRSA 2 Agar / Columbia Agar with Sheepblood Biplate	10x90mm plates	PB5253E

Our product ranges offer the complete solution for all your MRSA screening needs.

Transport Swabs

The Oxoid swab range creates optimized conditions to maintain the viability of samples while allowing the safe and convenient collection of screening samples, including MRSA

Amies Agar Gel	10x50	TS0001A
Amies Agar with Charcoal	10x50	TS0002A

Quality Control Organisms – Thermo Scientific™ Multi-Loops™

Staphylococcus aureus (MRSA) ATCC® 33591™†	5 loops	CL7003
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Confirmatory Tests

Oxoid™ Staphylect Plus™	100/500 tests	DR850M/B
A rapid latex test for the identification of <i>Staphylococcus aureus</i>		
Oxoid PBP2' Test	50 tests	DR0900A
A latex agglutination test for the detection of penicillin binding protein 2' (PBP2'), the product of the mecA gene		
Thermo Scientific™ RapID™ Staph Plus Panel	20 tests	R8311009
Rapid and convenient biochemical identification of staphylococci and other catalase-positive, Gram-positive cocci, in just 4 hours		

For more information about the Thermo Scientific *Brilliance* range of chromogenic media and other products, please visit www.thermoscientific.com/microbiology or talk to your local representative.

*Performance calculations are based on a minimum of one plate showing growth of MRSA colonies.