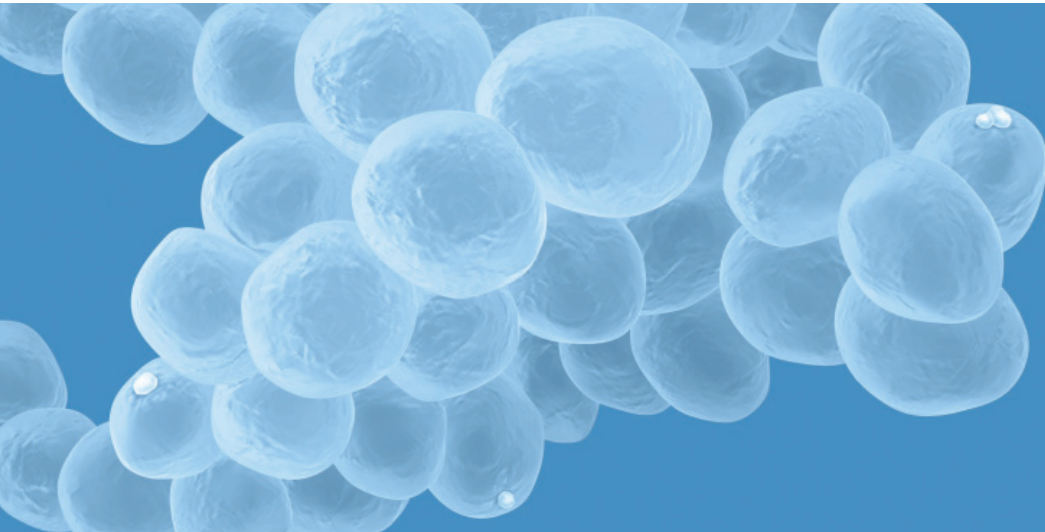


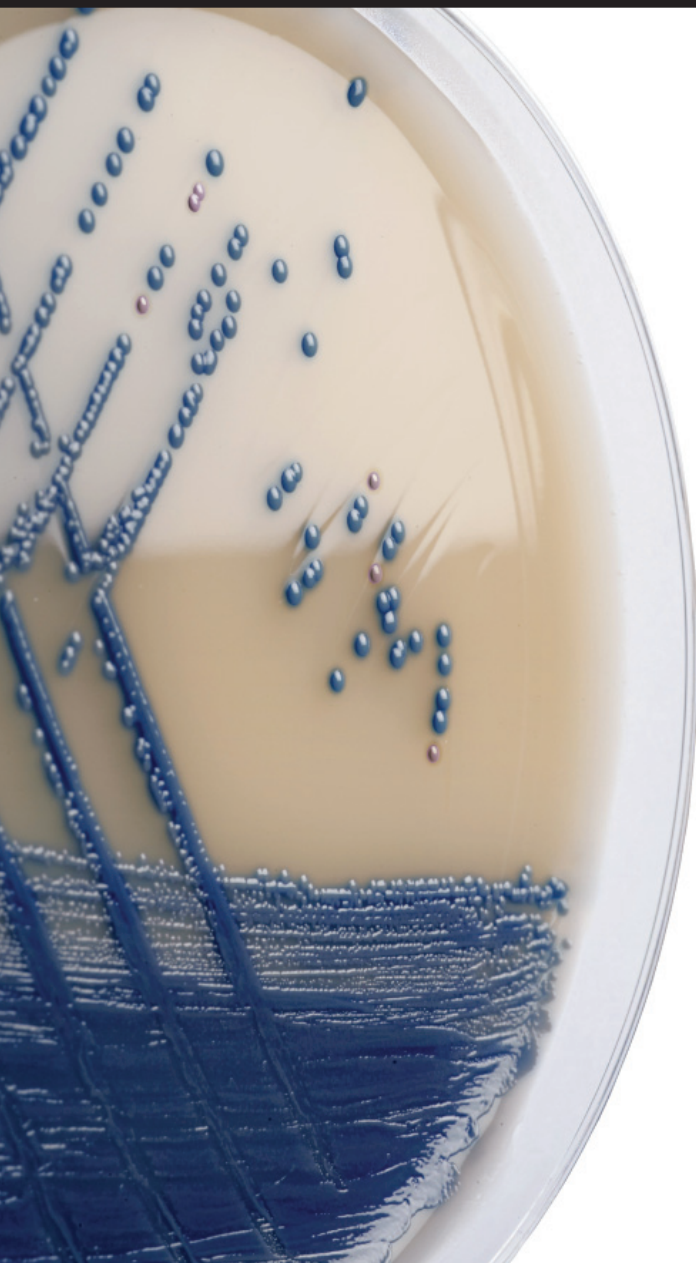


Culture Media



Brilliance MRSA 2

Spend even less time confirming 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 COSTS

- 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 AND EASY TO USE

- Direct inoculation from swab, isolate or suspension

Oxoid *Brilliance* MRSA 2 Agar

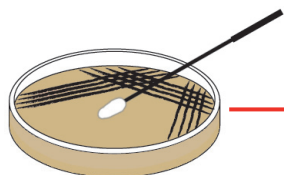
The performance of *Brilliance* MRSA 2 Agar has been enhanced over that of the original formulation in two ways. New inhibitory components in the medium inhibit the growth of more non-target organisms. In addition, those organisms that do grow are more easily distinguished from distinctive blue MRSA 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 of 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.



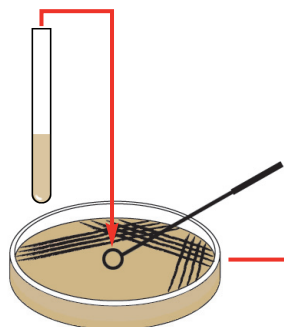
Sample Processing

Inoculate *Brilliance* MRSA 2 plate directly with swab or isolate.

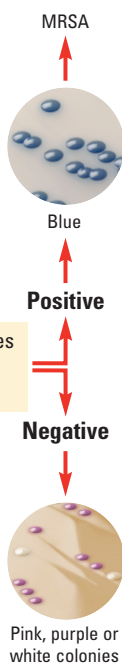


OR

Pre-enrich in suitable selective broth prior to inoculation onto a *Brilliance* MRSA 2 plate. Use an incubation protocol appropriate to the broth chosen.



Identifications are presumptive and should be confirmed.



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.

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.

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

<i>Brilliance</i> MRSA 2 Agar	SIZE/FORMAT	ORDER CODE
Ready Poured Plates (UK)	10x90mm plates	PO1210A
Ready Poured Plates (Rest of Europe)	10x90mm plates	PO5310A

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

Transport swabs

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

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

Quality Control organisms – Culti-Loops™

Staphylococcus aureus (MRSA) ATCC® 33591™†	5 loops	CL7003
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† ATCC Licensed Derivative. The ATCC Licensed Derivative Emblem™, the ATCC Licensed Derivative word mark™, and the ATCC catalog marks are trademarks of ATCC. Oxoid Ltd is licensed to use these trademarks and sell products derived from ATCC® cultures.

Confirmatory tests

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 <i>mecA</i> gene.		
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 Oxoid *Brilliance* range of chromogenic media and other products, please visit www.oxid.com or talk to your local Oxoid representative

Oxoid and Remel are specialty microbiology brands of Thermo Fisher Scientific. Our products are available worldwide.

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