

## Microgen® *Staph* latex test

A rapid test for the identification and confirmation of *Staphylococcus aureus* colonies grown on selective solid media.

Two of the traditional diagnostic tests for *S. aureus*, the tube and slide coagulase tests, only detect the activity of a characteristic coagulase enzyme. However, these tests can be difficult to interpret and are liable to suffer from false positive results associated with non-specific factors frequently found in plasma. Non-specific coagulation due to other bacterial enzymes may also occur.

However, 99% of *S. aureus* isolates also produce detectable levels of protein A on their surface, a characteristic which can be used to differentiate *S. aureus* from other species of *Staphylococci* in which this protein is rare.



Microgen® *Staph* is a sensitive and specific latex agglutination for the identification of *S. aureus* which overcomes the problems associated with the traditional tests by detecting both coagulase and protein A, offering rapid and accurate identification of *S. aureus* in 2 minutes. Microgen® *Staph* contains all ancillary reagents needed to complete the test and is suitable for clinical, food and environmental laboratories.

Easy to use  
High sensitivity and specificity  
Results in 2 minutes

# Microgen<sup>®</sup> Staph latex test

*Staphylococcus spp.* occur as commensal organisms on the mucous membranes and skin of humans. However, *Staphylococcus aureus* can be responsible for a wide range of pyogenic infections including superficial suppurative lesions, food poisoning and toxic shock, as well as a variety of other conditions. It is therefore one of the most important pathogens regularly encountered in the laboratory. Due to the frequency and

importance of *Staphylococcal* infection a rapid and accurate diagnosis is needed for correct patient management, especially as resistance to numerous common antibiotics has been shown.

Also available separately is the *Staph* latex control reagent (product code M43CCE), helping to reinforce the accuracy and reliability of the Microgen<sup>®</sup> *Staph* rapid test.

## Ordering Information:

Code	Description	Size	Storage
M43CE	Microgen <sup>®</sup> <i>Staph</i> latex test	100 tests	2 - 8°C
M433CE	Microgen <sup>®</sup> <i>Staph</i> latex test	500 tests	2 - 8°C

## Reagents/Kit:

Reagents	Product Code	Contents	Quantity/Size
<i>Staph</i> latex reagent	M43a	Latex particles coated with human fibrinogen and IgG	5ml 5x5ml for M433CE
<i>Staph</i> positive control	M43b	Positive control	1ml

If you need any further information on any of the above tests please contact Microgen Bioproducts Ltd.

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