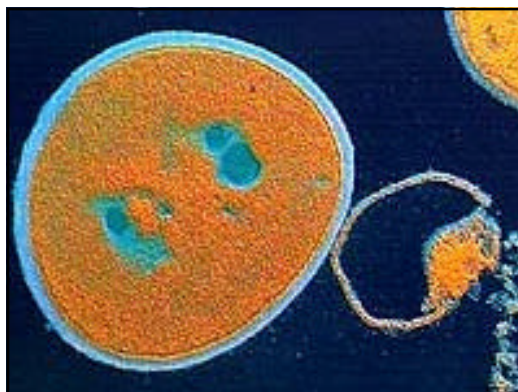


## MICROGEN BIOPRODUCTS LTD

---



# MICROGEN<sup>®</sup> STAPH RAPID TEST

A RAPID TEST FOR THE CONFIRMATORY IDENTIFICATION OF PRESUMPTIVE  
*STAPHYLOCOCCUS AUREUS* COLONIES FROM PRIMARY PLATE CULTURE

BASED ON PROVEN AND RELIABLE LATEX AGGLUTINATION TECHNOLOGY, THE  
MICROGEN BIOPRODUCTS STAPH CULTURE CONFIRMATION ASSAY OFFER:

RESULTS IN TWO MINUTES

INCREASED EFFICIENCY

HIGH SENSITIVITY

HIGH SPECIFICITY

ACCURATE & RELIABLE RESULTS

**LATEX CONTROL REAGENT AVAILABLE SEPARATELY**

Protecting Food and Health

---

### MICROGEN BIOPRODUCTS LTD

1 Admiralty Way  
Camberley  
Surrey  
GU15 3DT  
United Kingdom

Phone: +44 (0)1276 600081

Fax: +44 (0)1276 600151

E-mail: [sales@microgenbioproducts.com](mailto:sales@microgenbioproducts.com)

[www.microgenbioproducts.com](http://www.microgenbioproducts.com)



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 test 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.

*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 suppurant 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 the bacterium can show resistance to numerous common antibiotics. Food manufacturers find Staphylococcal detection to be a good indicator of the general level of microbial contamination. In these circumstances a highly specific test is needed to identify *S. aureus*, often from heavily contaminated samples. Traditional identification methods, and a number of commercially available products, may suffer from false positive results due to non-specific reactions, and false negative results due to an inability to detect certain strains of *S. aureus*.

Microgen® Staph is a sensitive and specific test for the identification of *S. aureus* from primary plate culture.

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

Microgen Staph rapid test is part of a range of rapid tests which includes;

Microgen <i>C. difficile</i>	(M41CE)
Microgen Salmonella	(M42CE)
Microgen Staph	(M43CE & M433CE)
Microgen <i>E. coli</i> 0157	(M44CE)
Microgen Legionella	(M45CE)
Microgen Campylobacter	(M46CE)
Microgen Strep	(M47CE)

All rapid tests use latex agglutination technology.

<b>Code</b>	M43CE & M433CE	<b>Code</b>	M43CCE
<b>Description</b>	Microgen® Staph	<b>Description</b>	Microgen® Staph Control reagent
<b>Size</b>	100 tests/500 test	<b>Size</b>	5 ml
<b>Storage</b>	2 - 8°C	<b>Storage</b>	2 - 8°C