

## Dynamic Diagnostics Ltd Staph latex test

A rapid latex 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.

- Easy to use
- High Sensitivity and Specificity
- Results in 1 minute



DD-43a *Staph* is a sensitive and specific latex agglutination 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 1 minute. DD43 *Staph* Kit contains all ancillary reagents needed to complete the test and is suitable for clinical, food and environmental laboratories.



# Dynamic Diagnostics<sup>Ltd</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 positive control reagent (product code DD-43pc), helping to reinforce the accuracy and reliability of the Dynamic Diagnostics Ltd *Staph* latex test.

### Ordering Information:

Code	Description	Size	Storage
DD-43/100T	<i>Staph</i> latex test kit	50 tests	2 - 8°C
DD-43/100T	<i>Staph</i> latex test kit	100 tests	2 - 8°C

### Reagents/Kit:

Reagents	Product Code	Contents	Quantity/Size
<i>Staph</i> latex reagent	DD-43a	Latex particles coated with human fibrinogen and IgG	2.5ml, & 5ml
<i>Staph</i> positive control	DD-43b	Positive control	1ml