

TML/MSH Microbiology Department Policy & Procedure Manual	<b>Policy #MI\TECH\43\v01</b>	Page 1 of 2
Section: <b>Technical Manual</b>	Subject Title: <b>Staphaurex Test</b>	
Issued by: <b>LABORATORY MANAGER</b>	Original Date: July 31, 2000	
Approved by: Laboratory Director	Revision Date: February 15, 2002	

## **STAPHAUREX TEST**

### **Principle**

A rapid slide latex test for the detection of clumping factor and protein A produced by most strains of *S. aureus*.

### **Reagents and Materials**

Staphaureux latex suspension (store refrigerated)  
Disposable reaction cards  
Culture loop or wooden applicator stick

### **Procedure**

1. Confirm the identification of a suspect *Staphylococcus* by Gram stain and catalase test.
2. Allow the latex reagent to warm to room temperature before use.
3. Shake the reagent so that all of the particles are resuspended.
4. Dispense one drop of latex reagent onto the reaction card.
5. Add 1-3 colonies to the drop, mix well with a loop or wooden applicator stick.
6. Rock the slide for 20 seconds and look for clumping.
7. Discard the slide into a discard container.

### **Interpretation**

Positive test: Clumping within 20 seconds with the sensitized latex particles.

Negative test: No clumping

### **Precautions**

1. False positive results may occur after 20 seconds.
2. False positive agglutination can occur with *E. coli* and *C. albicans*

TML/MSH Microbiology Department Policy & Procedure Manual	Policy # MI\TECH\43\v01	Page 2 of 2
Technical Manual		

### **Quality Control**

Test known positive and negative controls daily:

Positive:        *S. aureus* (ATCC 25923)  
Negative:        *S. epidermidis* (ATCC 12228)

### **References**

1.        Staphaurex Package insert, July 1992.