MRSA Latex Agglutination Kit detects Penicillin Binding Protein 2' (PBP2') in isolates of Staphylococcus spp. This assists in the identification of Methicillin Resistant Staphylococcus aureus. PBP2' is coded by the mecA gene and is present in the membranes of Methicillin Resistant Staphylococcus aureus. The latex particles are coated with antibodies specific for the PBP2' protein. This is a highly specific and sensitive test that has been successfully used around the world for several years.

The kit includes extraction reagents, stirrers, slides, and control latex which rules out false positives due to auto-agglutination. Positive and negative controls are required but not included in the kit. Simple procedure involves heating in either a water bath or heat block and centrifugation. To order, call Hardy Diagnostics at 800-266-2222. Visit our website to discover other great ideas for your laboratory!

ATCC is a registered trademark of the American Type Culture Collection.

MRSA detection in only 15 minutes!

Benefits of the MRSA Latex Kit . . .

❖ Saves Time - Total test time is 15 minutes, while traditional agar methods take 1-2 days.
❖ Accurate - 100% sensitive and 99% specific (from TSA with blood); more accurate than agar and MIC methods.
❖ Economical - Saves time and money by eliminating the need for expensive PCR or time consuming agar methods.
❖ Simple Procedure - Uses common lab equipment.

Suggested supplies from Hardy . . .

- MRSA Latex Kit
  50 tests ..................................................... DR900A
- Methicillin Resistant S. aureus, DuoPak by MBL ATCC® 43300 (positive control) ........... 0852P
- Methicillin Sensitive S. aureus, DuoPak by MBL ATCC® 25923 (negative control) ............ 0360P

- Floating MicroCentrifuge tube rack
  8 place, for 1.5ml tubes ........................................ 188750400
- MicroCentrifuge Tube, 1.5ml
  1000/box ....................................................... 111558
- MicroCentrifuge, adjustable
  Max speed 10,000rpm/Max RCF 5,600g, holds 6, 6x6" ... 20600-005
- Hot Plate, adjustable
  Range: 38°C to 371°C, diameter 3.5", by Thermolyne ....... HP2305B
- Thermometer, Immersion
  Teflon coated, no mercury, Range: -20°C to 110°C, by Ertco ... 6113-SSC
- Heat Block Base (Dri-Bath)
  Range: ambient-130°C, holds single block see below, by Labline ... 2050
- Heat Block Insert
  Holds 20, 1.5ml MicroCentrifuge tubes, by Labline ............ 2069