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Mueller Hinton MRSA Screening Plates Oxacilin Salt –Agar Supplemented

PD – 255

Detection of Resistant Staphylococci continues to be a problem for many experienced laboratories. For best recognition of these strains, Hylabs offers a new medium, prepared according to the CLSI Specifications for the screening of Methicillin/Oxacillin Resistant Staphylococci strains.

Mueller Hinton II agar has been supplemented with NaCl (4% w/v; 0.68 mol/L) and with 6 ug oxacillin/ml.

The agar should be either inoculated as a spot or streak using a cotton swab that was dipped into a direct colony suspension equivalent to a 0.5 McFarland Standard. The plate is incubated at 30-35° C for 24 hours and examined carefully With transmitted light for evidence of small colonies.

It is well known that growth of MRSA strains is influenced by the nutrient Capacity of the medium, its pH and buffer and that this influence may affect testing results. In order to avoid any brand-to-brand and batch-to-batch media Variation, hylabs developed a rigorous quality control program. Each batch of Muller Hinton Oxacillin Salt Agar is subjected to quality control Before release, with challenge microorganisms with different MIC values, including Wild "border line" MRSA strains.