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RPMI- MOPS-GLUCOSE AGAR

MEDIA FOR ANTIFUNGAL SUSCEPTIBILIY TESTING

PD 269

Antifungal susceptibility testing of yeasts and molds is complicated by the antagonism that may develop between drug, organism and some essential nutrients in medium. Drug activity is affected by its interaction with media components and buffer.

Growth of Fungi is influenced by the nutrient capacity of the medium, its pH and buffer. Susceptibility Media can significantly affect the MIC value and clarity of end points, especially for azoles.
RPMI is the recommended medium for susceptibility testing of yeasts and molds; it contains low level of antifungi antagonists, allowing the performance of the test with greater confidence.
It is well known that brand-to-brand and batch-to-batch media variations may occur. Each batch of RPMI-MOPS-Glucose agar is subjected to rigorous quality control at Hy Labs laboratories before release.

RPMI-MOPS-Glucose plates are also provided with (2) Etest strips for the direct quantification of antifungal susceptibility testing in terms of MIC values.

Available Etest strips, according to the user's choice.

Etest Strips: Amphotericin B
Fluconazole
Ketoconazole