

RAPID M-GREEN SELECTIVE BROTH

PLEASE READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.



Product summary:

Ampoule m-Green Selective Broth, 2 mL, is used for the detection of yeast and fungi in beverages by the membrane filtration method. It is rich in nutrients, providing an excellent environment for fungal growth and detection at 48–72 hours. The selective agents in the broth inhibit bacterial growth to aid in the identification of fungal colonies.

Product number: 6506

Call 800.234.5333 to order or visit NEOGEN.com

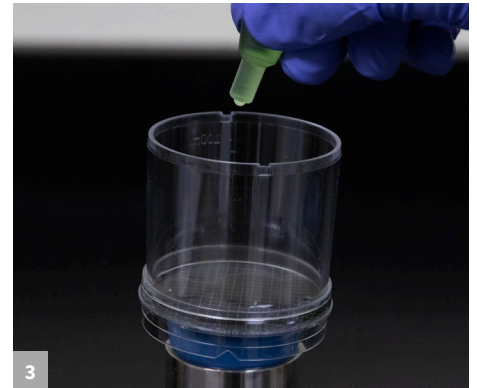
Test procedure



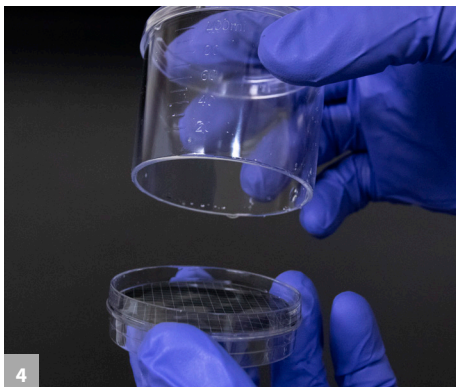
1 Remove filter unit cover and carefully pour sample onto the filter.



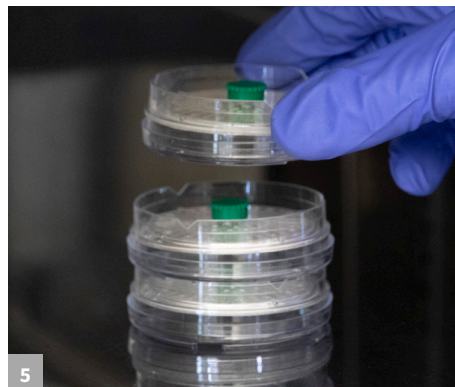
2 Apply vacuum to pull sample through the filter. Note: Be sure that pressure is released before proceeding.



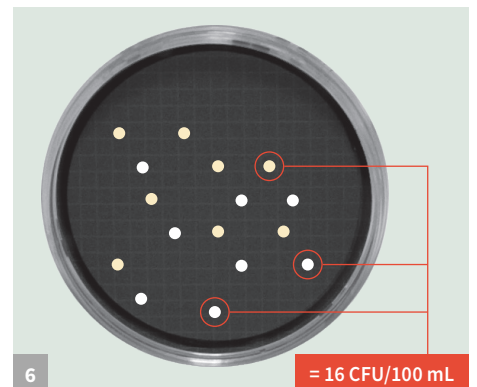
3 Distribute the contents of one Rapid m-Green Selective ampoule onto the filter surface. Carefully apply light vacuum pressure to pull the medium into the filter pad.



4 Collapse the filter unit to a petri dish, remove the unit from the manifold and place a plug on the bottom port.



5 Invert the filter dish and incubate at $26 \pm 1^\circ\text{C}$ for 48–72 hours.

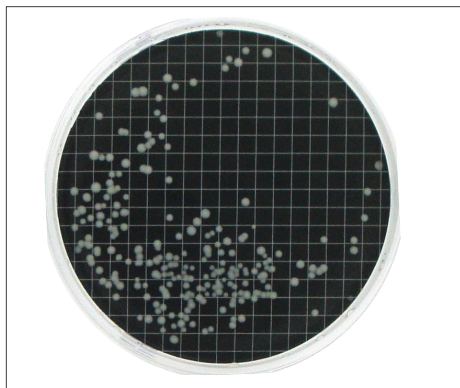


6 = 16 CFU/100 mL

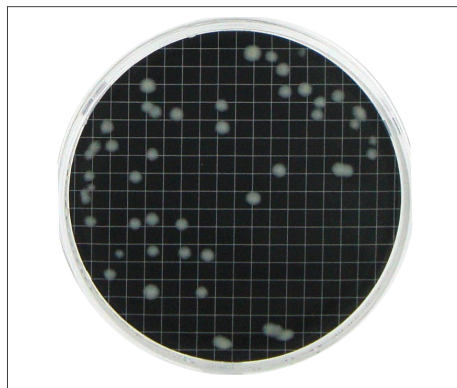
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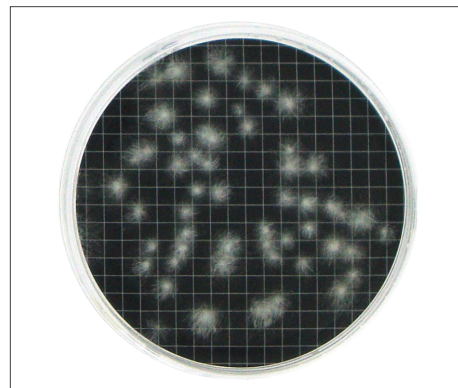
Interpretation of results



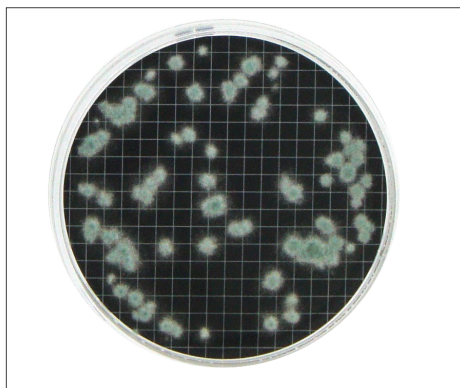
C. albicans ATCC 10231



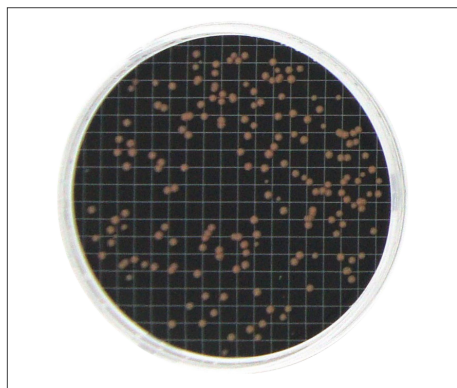
S. cerevisiae ATCC 9763



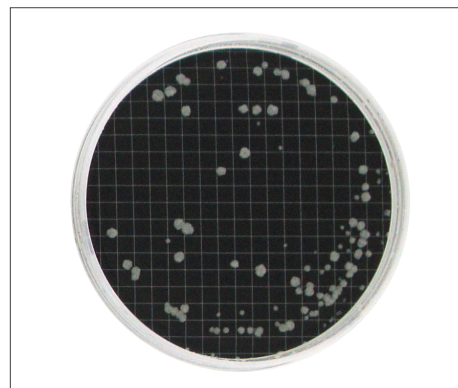
A. brasiliensis ATCC 16404



P. Roquefortii ATCC 10110 (72 hr)



R. glutinis ATCC 15125 (72 hr)



Z. bailii ATCC 58445 (72 hr)

Note:

Yeast colonies are generally white-cream colored, but wild types exist that exhibit their own color (pink, red, orange, etc.).

Incubating this test from 25–27°C is essential to the recovery of some fungi. Incubating outside of this range can compromise accurate recovery.

Plates should be held 3 days to establish no recovery; while most growth will be evident after 48 hours, some organisms may have pinpoint colonies and require an additional 12–24 hours of incubation.

