

M-TGE WITH INDICATOR BROTH

PLEASE READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.



Product summary:

Ampoule m-TGE with indicator Broth, 2 mL is used for the determination of bacterial counts using a membrane filtration method in a laboratory setting. Tryptone Glucose Extract is a non-selective nutrient medium for the determination of bacterial counts. A redox dye indicator has been added to the m-TGE to aid in the visual detection of growing bacteria.

Product number: 6516

Call 800.234.5333 to order or visit NEOGEN.com

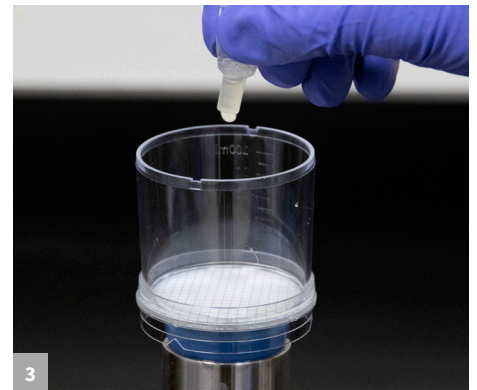
Test procedure



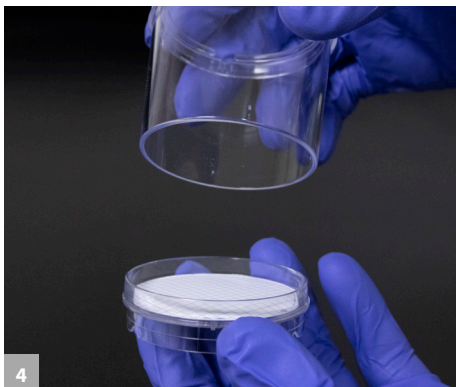
1 Remove filter unit cover and carefully pour sample onto the filter.



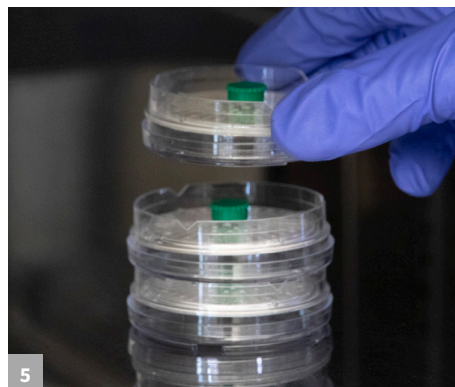
2 Apply vacuum to pull sample through the filter. Note: Be sure that pressure is released before proceeding.



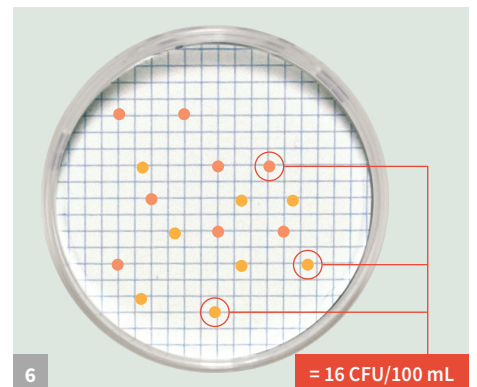
3 Distribute the contents of one m-TGE w/ indicator ampoule onto the filter surface. Carefully apply light vacuum pressure to pull the medium into the filter.



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 $35 \pm 2^{\circ}\text{C}$ for 22-48 hours.



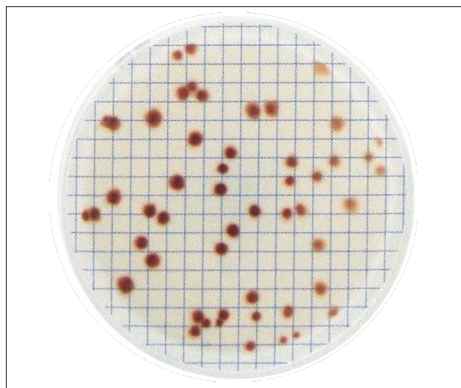
6 After incubation, read and record results. All colonies should be counted.

= 16 CFU/100 mL

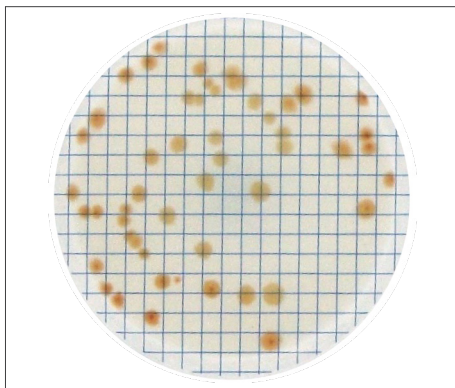
M-TGE WITH INDICATOR BROTH

PLEASE READ INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.

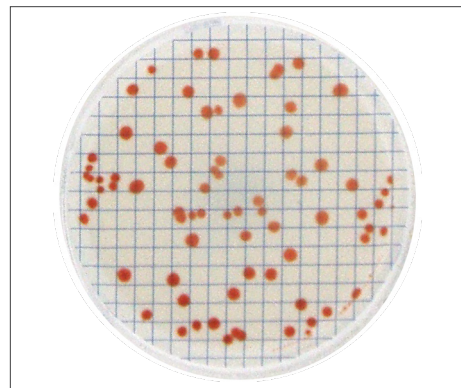
Interpretation of results



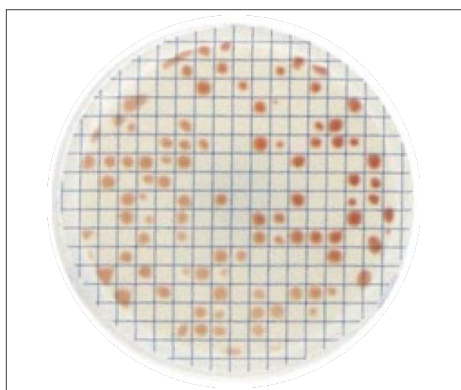
E. coli ATCC 25922



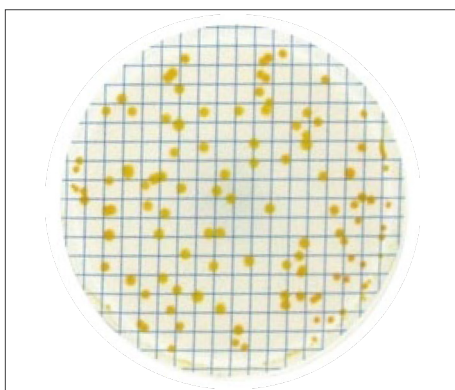
B. subtilis ATCC 9372



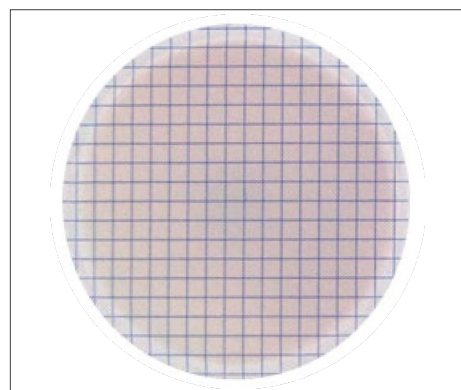
S. aureus ATCC 25923



K. pneumoniae ATCC 13883



M. luteus ATCC 9341



Growth in pad under filter, no visible colonies on the filter surface

Note:

Always properly sterilize manifold, rubber stoppers and plastic adapters before using this ampoule.

- Disinfect stoppers and plastic adapters by soaking in 10% bleach for 10–15 minutes, and **fully rinse** with sterile water before performing testing.

Take extra care to avoid touching the bottom port of the monitor with hands/gloves to avoid possible contamination.

