



## Filter and Ampoule Product list

Product Name/Description	Item No.	Package
NEOGEN Filter White	6550	Box of 50
100 mL sterile disposable membrane filtration unit used for testing liquid samples. Membrane is white with dark gridlines, 56 mm in diameter with a pore size of 0.45 µm.		
NEOGEN Filter Black	6555	Box of 50
100 mL sterile disposable membrane filtration unit used for testing liquid samples. Membrane is black with light gridlines, 56 mm in diameter with a pore size of 0.45 µm.		
NEOGEN Filter Black	6556	Box of 50
100 mL sterile disposable membrane filtration unit used for testing liquid samples. Membrane is black with light gridlines, 56 mm in diameter with a pore size of 0.8 µm.		
m-Endo Broth, 2 mL	6500	Box of 50
Used for enumerating coliforms and recommended by the American Public Health Association for testing water, wastewater, and foods following the U.S. EPA water test method.		
m-Green Yeast and Fungi Broth, 2 mL	6505	Box of 50
Used for the detection of yeast and fungi in beverages. All colonies growing on the surface of the membrane should be counted.		
Rapid m-Green Selective Broth	6506	Box of 50
Used for the detection of yeast and fungi in beverages by the membrane filtration method in a laboratory setting. Ampouled Rapid m-Green Selective Broth, 2 mL is not intended for use in the diagnosis of disease or other conditions in humans.		
MI Broth, 2 mL	6510	Box of 50
Developed and approved by the U.S. EPA for the detection of total coliforms and <i>E. coli</i> in drinking water.		
m- <i>E. coli</i> /Coliform Broth	6511	Box of 50
Chromogenic medium used for the detection of total coliforms and <i>E. coli</i> in water testing using the membrane filtration method in a laboratory setting.		
m-TGE Broth, 2 mL	6515	Box of 50
Used for the determination of bacterial counts and specified by the American Public Health Association for the heterotrophic plate count procedure in testing bottled water. All colonies that grow on the surface of the membrane are counted and recorded.		
m-TGE with Indicator	6516	Box of 50
Used for the determination of bacterial counts using the membrane filtration method in a laboratory setting. It is not intended for use in the diagnosis of disease or other conditions in humans.		



# Filter and Ampoule Product list

Product Name/Description	Item No.	Package
Orange Serum Broth, 2 mL	6525	Box of 50
Used for and recommended by the American Public Health Association for the cultivation of aciduric microorganisms associated with spoilage in fruit beverages. All colonies that grow on the surface of the membrane are counted and recorded.		
PRY Broth, 2 mL	6520	Box of 50
PRY Broth is used for the detection of preservative resistant yeast in water and beverages. Membrane filters are examined for the presence of spoilage organisms that appear off-white and vary in size depending upon length of incubation. These small colonies are viewed best on a black membrane.		
m-FC with Rosolic Acid Broth, 2 mL	6530	Box of 50
Used for enumerating fecal coliforms in water by the membrane filtration method.		
<i>Pseudomonas</i> Broth, 2 mL	6540	Box of 50
Used for enumerating <i>Pseudomonas aeruginosa</i> and other <i>Pseudomonas</i> spp. in water and in various other applications by the membrane filtration method.		
Mannitol Salt Broth, 2 mL	6545	Box of 50
Used for the isolation of staphylococci by the membrane filtration method.		



# NEOGEN® FILTER ASSAY

PLEASE READ INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.



## Materials Required, Not Provided:

Vacuum source

Vacuum manifold or filtration flask

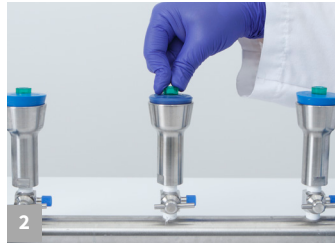
Rubber stopper for the manifold/flask with a 3/8 inch (9.5 mm) opening to accept funnel adapter

Call 800.234.5333 to order or visit [NEOGEN.com](http://NEOGEN.com)

## Set-up Procedure



Assemble the manifold or filtration flask that will supply the vacuum source and complete with the rubber stopper.



Using a gentle twisting motion, secure the funnel adapter into the rubber stopper.



Using the same gentle twisting motion, secure the filter onto the funnel adapter.

## Test Procedure



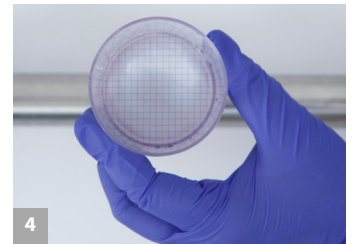
Remove the filter cover and carefully pour the sample onto the filter. Apply the vacuum just long enough to pull the sample through the filter (if using a manifold, open only one valve at a time).



Briefly remove the filter and its funnel adapter from the rubber stopper to release any remaining vacuum pressure. Then, resecure the vacuum into the stopper.



Add the culture media onto the top of the filter. When doing so, be careful not to touch the filter with the tip of the ampoule.

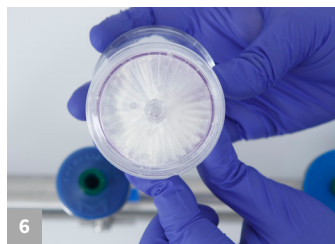


Very briefly apply the vacuum so that the media does not pool on top of the filter, and it is visible underneath the filter.

Note: The media has been soaked correctly into the filter if there is a small pocket of air around the bottom port. The filter should be moist, but not oversaturated or dry.



Remove and appropriately discard the filter plastic funnel. Place the filter cover over the filter/base assembly converting the unit into a petri dish for the sample incubation.



Remove filter from the funnel adapter, and place a plug on the open bottom port.



Place the filter into the incubator inverted so that the cover is on the bottom, and incubate for the appropriate time and temperature for the utilized media.

