

SMALL BUT MIGHTY

Discover great convenience on a small scale with the new ready-to-use culture media ReadyPlate™ 55 and ReadyPlate™ 55 KIT.



Welcome to the new level of convenience in high-throughput sample testing. The new Merck ReadyPlate™ 55 introduces easy membrane handling through high fill level, ready-to-use 55 mm agar plates. ReadyPlate™ 55 is also available in a variety of certified kits which combines the 55 mm agar plates with the matching membranes needed for testing.

The powerful benefits of ReadyPlate™ 55

- Easy, reproducible membrane filter placement, avoiding bubbles, as a result of the high-level filling of the agar plate
- Intelligent design for better stacking and safer transport
- Enhanced flexibility through storage at room temperature and 6 to 9 months shelf life
- Environmental sustainability due to less waste and refrigeration demands
- Compliant with EN ISO 11133:2014 and individual culture media standards
- Released through ISO 17025 accredited QC lab for reduced incoming quality control tests

Streamline Your Workflow to the Max

Get the Full Package

In order to improve your workflow, we developed the new ReadyPlate™ 55 testing kits: 55 mm filled-to-the-top agar plates combined with a set of matching membrane filters. The kits are certified in compliance with EN ISO 11133:2014 from an ISO 17025 accredited QC lab, saving you the testing of each filter batch with each batch of culture media, as is now demanded by EN ISO 11133. Also ReadyPlate™ 55 kits with different agar types are produced with the same membrane lot over a longer period of time, thereby reducing the number of membrane dispensers needed and avoiding the frequent change of membranes themselves.

All control results are available in our Certificate of Analysis.

This all-in-one information source documents the testing of the media in combination with the membrane match for ReadyPlate™ 55 kits and includes information on:

- Typical composition
- Application
- Shelf life and storage temperature
- Technical parameters
- Microbial performance testing
including WDCM (Word Data Centre
for Microorganisms) numbers
- Incubation temperature and length
- Reference medium where applicable
- Test method
- Test Specifications
- Batch results

More Control With Less Hassle

ReadyPlate™ 55 and ReadyPlate™ 55 kits are released through an ISO 17025 accredited QC lab for the performance testing of media for microbiology according to DIN EN ISO 11133:2014 and in compliance with individual reference standards such as ISO 9308-1:2014. If you are ISO 17025 accredited yourself, Merck Quality Control data can simply be transferred to your documentation and reduce your quality control to a physical/visual control only.

Thanks to our smart label design you can find all information regarding compliance with additional reference standards at one glance.

Safer Testing at Maximum Convenience

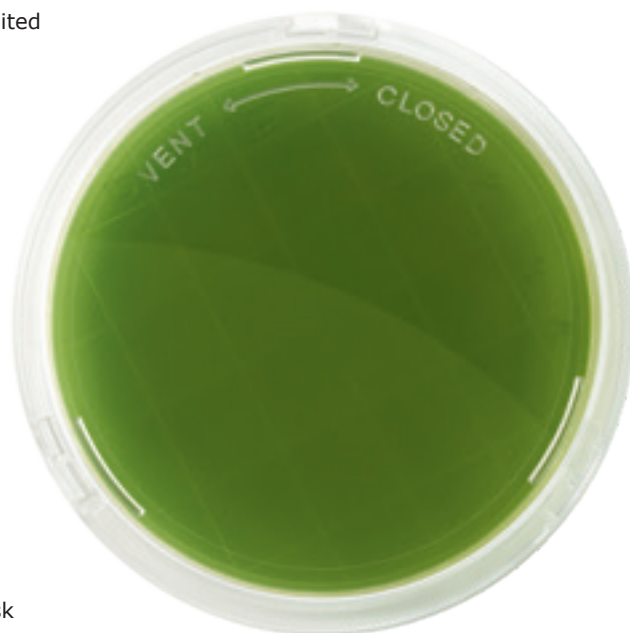
In high-throughput testing of filterable samples every additional or complicated handling step affects the efficiency of your laboratory. Often you have limited space, both for storage in the refrigerator and for incubation in your incubator. This is why Merck is introducing the new ReadyPlate™ 55 and ReadyPlate™ 55 kits in order to maintain a high level of efficiency in your laboratory.

Instead of the common 90 mm size, ReadyPlate™ 55 agar plates come with a diameter of 55 mm. They are also available as certified ReadyPlate™ 55 kits that include not only the agar plate, but also the matching membrane filter. With the plates being filled to the very top, the positioning and removal of membranes to and from the agar plate is made easy, thereby reducing the risk of handling mistakes and false positives.

It is their special design that helps increase the safety during handling, transport and incubation. ReadyPlate™ 55 agar plates are stackable and come in a lockable format. In the event of plates falling down, mold spores are not released to the environment and hence the risk of cross contamination is reduced.

Flexible and Ecologically Sustainable

Being much smaller than standard 90 mm plates, ReadyPlate™ 55 frees up space in the incubator and also reduces waste. ReadyPlate™ 55 plates give you more flexibility regarding their storage as the majority of media types can be stored at room temperature, saving you the effort and energy of refrigeration.



ReadyPlate™ 55 kits

Make Your Bioburden Testing Workflow Easy



EZ product family

Our portfolio is rounded off with a full range of next-generation filtration tools, **the EZ product family:**

- EZ-Stream® Pump Fluid flows directly through the pump to waste, eliminating the need for intermediate waste containers. The pump is designed for quiet operation, and the vacuum level is compliant with regulatory standards.
- EZ-Fit® Manifold is specially designed for the microbiology analysis of contamination that can cause false positive results: all internal areas are accessible and can be cleaned efficiently and all components can be autoclaved.
- EZ-Pak® Dispenser Curve provides fast and robust sterile membrane dispensing with no touch operation.
- The EZ-Pak® and S-Pak® membranes are the ideal high-quality addition to your filtration testing with ReadyPlate™ 55 agar plates for efficient growth of target organisms.

In combination, this product family provides optimal performance and streamlines your filtration workflow.

For more information visit: SigmaAldrich.com/EZ

Ordering Information

Product	Product Type	Membrane Filter Specifications	Used for Detection of	Pack Size	Shelf Life (days)	Storage Cond. (°C)	Ord. No.
ReadyPlate™ 55 CCA ISO 9308	55 mm plates		Coliforms and <i>E.coli</i>	20	270	15 – 25	1.46757.0020
ReadyPlate™ 55 CCA ISO 9308	55 mm plates		Coliforms and <i>E.coli</i>	200	270	15 – 25	1.46757.0200
ReadyPlate™ 55 KIT CCA ISO 9308	55 mm plates with Membrane Filters	47 mm White gridded Mixed cellulose Ester, Pore Size 0.45 µm	Coliforms and <i>E.coli</i>	Kit	270	15 – 25	1.46758.0150
ReadyPlate™ 55 TGE Agar	55 mm plates		Total Count	20	270	15 – 25	1.46761.0020
ReadyPlate™ 55 KIT TGE Agar	55 mm plates with Membrane Filters	47 mm White gridded Mixed cellulose Ester, Pore Size 0.45 µm	Total Count	Kit	270	15 – 25	1.46762.0150
ReadyPlate™ 55 Plate Count Agar	55 mm plates		Total Count	20	270	15 – 25	1.46763.0020
ReadyPlate™ 55 KIT Plate Count Agar	55 mm plates with Membrane Filters	47 mm White gridded Mixed cellulose Ester, Pore Size 0.45 µm	Total Count	Kit	270	15 – 25	1.46764.0150
ReadyPlate™ 55 Slanetz & Bartley ISO 7899	55 mm plates		Enterococcus	20	120	15 – 25	1.46765.0020
ReadyPlate™ 55 KIT Slanetz & Bartley ISO 7899	55 mm plates with Membrane Filters	47 mm White gridded Mixed cellulose Ester, Pore Size 0.45 µm	Enterococcus	Kit	120	15 – 25	1.46766.0150
ReadyPlate™ 55 CN Agar ISO 16266	55 mm plates		<i>Pseudomonas</i>	20	270	15 – 25	1.46767.0020
ReadyPlate™ 55 KIT CN Agar ISO 16266	55 mm plates with Membrane Filters	47 mm White gridded Mixed cellulose Ester, Pore Size 0.45 µm	<i>Pseudomonas</i>	Kit	270	15 – 25	1.46768.0150
ReadyPlate™ 55 m-Green Agar	55 mm plates		Yeast and Moulds	20	270	15 – 25	1.46769.0020
ReadyPlate™ 55 KIT m-Green Agar	55 mm plates with Membrane Filters	47 mm White gridded Mixed cellulose Ester, Pore Size 0.45 µm	Yeast and Moulds	Kit	270	15 – 25	1.46770.0150

**To Place an Order or
Receive Technical Assistance**

Find contact information for your country at:

[SigmaAldrich.com/Offices](https://sigmaaldrich.com/offices)

For Technical Service, please visit:

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We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.

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