Millipore®

Preparation, Separation,
Filtration & Monitoring Products

MilliporeSigma

Vitroids™ and LENTICULE® discs

Make your media testing workflow faster and simpler with a lower carbon footprint.

Our Vitroids™ and LENTICULE® discs are ready-to-use microbial certified reference materials (CRM), produced under reproducible conditions, featuring pure cultures of bacteria, fungi, or yeasts in a solid water-soluble matrix.

By utilizing our CRMs instead of their own stock cultures or lyophilized cultures from culture collections, our customers eliminate the need to perform preparation and incubation steps for media testing themselves. The use of our materials allows customers to reduce the consumption of materials, energy, and labor, significantly lowering the associated costs.

- **Functional unit:** Production, incubation, and testing of 5 control strains per week over 5 years.*
- **Baseline:** We are comparing to lyophilized reference strains from culture collection.

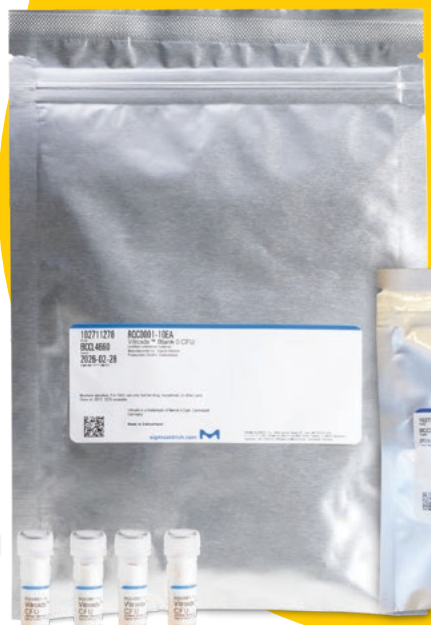
Make the right choice for your media testing workflow now and for the future!

Benefits

- Certified reference material that is ready-to-use, enhancing efficiency and saving time.
- Cuts inoculum preparation time to just a few minutes by replacing stock and working cultures.
- Guaranteed stability and accuracy of the certified CFU value over the shelf life.
- Production in an accredited laboratory fulfilling ISO 17034 guarantees the traceability of the microorganisms.
- Vitroids™ & LENTICULE® discs can be stored at -20 °C. No -80 °C freezer needed.

* represents 1300 control strains for 5 strains per day, Monday to Friday over 52 weeks.

Previous Packaging



45% packaging reduction

New Packaging

Product Improvement Highlights

Emissions & Energy Reduction of energy consumption compared to the scenario where each customer incubates and tests their own strains.	**97%** reduction
Materials Reduction of materials through centralized manufacturing at MilliporeSigma.	**82%** reduction
Usability & Innovation Reduction of time required per test due to elimination of preparation steps and incubation phases.	**24** instead of 72 hours

Find out more about our latest innovation:

SigmaAldrich.com/mibi-crm

MilliporeSigma is the U.S. and Canada Life Science business of Merck KGaA, Darmstadt, Germany.