

BioPaddles®

Microbiology Simplified!



- Ready to use. Saves time!
- Longer shelf-life than traditional Petri dishes
- No refrigeration required
- Simple incubation requirements
- Unique design enhances colony morphology characterization

BioPaddles® are flexible dual-agar paddles each containing microbe-specific media enclosed in a sterile vial. Identify and quantify microbes in air, soil, water, or any surface! BioPaddles do not require any other testing equipment – only a magnifier and warm place are needed.*

Liquid Sampling: Remove the paddle from the vial and fill the vial (approximately 40ml) with the sample. Insert the paddle, swirl for 15 seconds. Pour out the liquid, replace the paddle in the vial, and incubate.

Surface Sampling: Remove the paddle from the vial and gently touch each paddle media surface to the sample surface twice per side. Replace paddle in the vial and incubate.

Air Sampling: Remove the paddle from the vial. Invert and mount the circular cap into the vial, exposing the agar covered paddle. Expose for 15 minutes. Replace the paddle in the vial and incubate.

BioPaddles® Products – all packaged 10 paddles per box. Includes general instructions and provides access to detailed Technical Documents for each paddle type.

All BioPaddles® products include a free app! Free LaMotte **BioPaddles® Colony ID™ Lite** app lets users compare colony examples on BioPaddle agar types from 5 microhabitats (air, water, soil, surface and food). Also contains information regarding organisms, microbiological techniques, and more!

New **BioPaddles® Colony ID™** app has a library of over 250 images of 30+ microbes, ideal for presumptive identification. Images of microbial growth on BioPaddles® can be captured with the iPad camera and imported for a side-by-side comparison to the images in the reference library. Using the new Report function a report including a full color image can be prepared and distributed directly by email. Expanded resource materials include Fungi and Bacteria Microanatomy and Microbe Exclusionary Charts. Available for purchase through iTunes. Visit our web site at www.lamotte.com and click on BioPaddles for a direct link.

*Coliform bacteria requires 35°C incubation temperature.



LaMotte BioPaddles®

Order Code	Type Of Agar(s)	Description	Price
5550	Nutrient	For routine culture of non-fastidious bacteria.	\$39.95
5551	Sabouraud Dextrose	For selective cultivation of fungi (yeasts and molds).	\$39.95
5552	Tryptic Soy (TSA)/Rose Bengal (RB)	For cultivation of a wide variety of microorganisms (TSA) and selective isolation of yeasts and molds (RB).	\$39.95
5553	Nutrient TTC/MacConkey	For field sampling cultivation and enumeration of coliform bacteria (TTC) and total coliform count (TCC). Gram (-) bacterial colonies appear as red dots. Gram (+) bacteria are usually inhibited. For improved differentiation between coliforms and non-lactose fermenting organisms (MAC). Gram (+) cocci are usually inhibited.	\$39.95

NOTE: Dated material. Specify ship date. Orders may be placed in advance. Orders shipped from Maryland on Monday and Tuesday only.

BioPaddles® Total Coliform Activity

Order Code 5846 \$54.95

Fast and reliable cultivation and enumeration of coliform bacteria. Includes 5553/Nutrient TTC/MacConkey BioPaddles (10 paddles) described above. Activity also includes a Teacher Resource CD with a complete coliform test activity, Teacher and Student Guides, PowerPoint and iPad/iPod formatted material that provides helpful background information on coliforms, field testing, Fecal Coliform Count, Total Viable Count (TVC) and Total Coliform Count (TCC) enumeration. Can be used as a demonstration or a classroom activity. Additional BioPaddles are available. Also includes a **Free LaMotte BioPaddles® Colony ID™ Lite App**. NOTE: Dated material. Specify ship date. Orders may be placed in advance. Orders shipped from Maryland.



AP® Environmental Water Quality Assessment Curriculum Module

Order Code 5845 \$169.95

The AP® Environmental Science WATER QUALITY ASSESSMENT MODULE includes an extensive curriculum that uses the exploration of the Water Quality Index to teach students STEM-based skills. Classroom and field activities satisfy Section VI (Water Pollution) of the AP® *Environmental Topics* Outline. Includes 10 Nutrient – TTC/MacConkey BioPaddles (Code 5553) for coliform testing, Salt/TDS/Temp Tracer (Code 1749-01) for temperature and TDS determination and Teacher Resource CD. Also includes a **Free LaMotte BioPaddles® Colony ID™ Lite App**. Module is designed to be used with the Water Quality Educator (Code 5870-01)
NOTE: Dated material. Specify ship date. Orders may be placed in advance. Orders shipped from Maryland.



Teacher Resource CD contains:

Teacher/Student Guides, water quality field procedures, STEM-based activities, PowerPoint presentations and Quick Time iPad/iPod videos for Watershed Ecology, WQI, Water Pollution, and Statistical Analysis! Also includes a **Free LaMotte BioPaddles® Colony ID™ Lite App**.

AP® The Water Quality Assessment Package

Order Code 5845-PKG \$499.00

Combines the Water Quality Educator (Code 5870-01) and the AP® Environmental Water Quality Assessment Curriculum Module (Code 5845). Also includes a **Free LaMotte BioPaddles® Colony ID™ Lite App** which lets users compare colony examples on BioPaddle media type from 5 microhabitats (air, water, soil, surface and food).

NOTE: Dated material. Specify ship date. Orders may be placed in advance. Orders shipped from Maryland.

This bundled package includes the Water Quality Assessment Curriculum AND the Water quality test kits — both at a discounted price!

If purchased individually:

Water Quality Assessment Curriculum Module
Code 5845 • \$169.95

Water Quality Educator • Code 5870-01 • \$399.00



Save\$\$!
Bundled Price
\$499



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