

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.

All BioPaddles™ products include a free app! LaMotte BioPaddles Colony ID™ 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!

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

*Coliform bacteria requires 35°C incubation temperature.



LaMotte BioPaddles™

Order Code	Type Of Agar(s)	Description
S04344	Nutrient	For routine culture of non-fastidious bacteria.
S04345	Sabouraud Dextrose	For selective cultivation of fungi (yeasts and molds).
S04346	Tryptic Soy (TSA)/Rose Bengal (RB)	For cultivation of a wide variety of microorganisms (TSA) and selective isolation of yeasts and molds (RB).
S04347	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.

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

BioPaddle Total Coliform Activity

Order Code S04348

Fast and reliable cultivation and enumeration of coliform bacteria. Includes 10 Nutrient-TTC/MacConkey BioPaddles (Code 5553). Activity also includes a Teacher Resource CD-ROM 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, 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 BioPaddle Colony ID 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 S04349

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-ROM. Also includes a **Free LaMotte BioPaddle Colony ID 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-ROM contains:

Teacher/Student Guides, water quality test procedures, PowerPoint presentations and Quick Time iPad/iPod videos for STEM Design Activities, Watershed Ecology, WQI, Point/Non-Point Pollution, Glossary and Free App!

AP® The Water Quality Assessment Package

Order Code S04350

Combines the Water Quality Educator (Code 5870-01) and the AP® Environmental Water Quality Assessment Curriculum Module (Code 5845). Also includes a **Free LaMotte BioPaddle Colony ID 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!

