

# LaMotte BioPaddles™

## IDENTIFICATION

Side 1 of each BioPaddle is marked with an indented laser line at the end of the paddle.

Example: Side 1 (NA), Side 2 (MAC)



### BioPaddle Colony Identification App

Compare your “unknowns” side-by-side to a library of “known” samples.

*Register your email address here to be notified of App release!*

[www.lamotte.com/BioPaddles.html](http://www.lamotte.com/BioPaddles.html)

## STORAGE

Store tightly sealed BioPaddles in a cool, dry location (68°F/20°C). Avoid temperature changes. BioPaddles may be refrigerated, but it is not necessary. The average shelf-life is one year. Refer to expiration date (See: BBE stamped on vial). Discard if paddle agar appears oxidized (darkens from expected color). The expiration date applies to the medium in an intact container when stored as directed.

## SAMPLING

**Liquids:** Twist to remove paddle from vial. Fill vial to 40 mL fill line with the liquid to be sampled. The 40 mL volume can be used to calculate Total Viable Count (TVC) and/or Total Colony Count (TCC). Replace paddle. Allow a contact time of 15 seconds. Remove the paddle. Empty the vial. Replace the paddle in the vial. Incubate at 35°C/95°F (recommended) for 24-48 hours. Enumerate.



**Surfaces:** Twist to remove paddle from vial. Allow the paddle surface (10 cm<sup>2</sup>) to come into physical contact with the test surface. Recovery rate is about 50%. To insure an accurate recovery, gently sweep (or touch) the paddle to cover a 20 cm<sup>2</sup> area. Replace paddle in vial. Incubate at 35°C/95°F (recommended) for 24-48 hours. Enumerate.

**Air:** Twist to remove paddle from vial. Invert the paddle and mount the circular cap into the vial exposing the agar covered paddle. Expose for 15 minutes. Replace the paddle in the vial. Incubate at 35°C/95°F (recommended) for 24-48 hours. Enumerate.

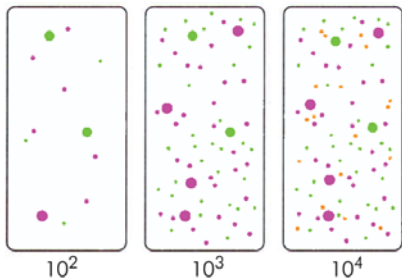
NOTE: BioPaddles 5550, 5551, and 5552 may be incubated at room temperature for educational purposes. Expect longer incubation times (3-5 days) at lower temperatures.

## COLONY MEASURING

Each BioPaddle has molded media points that are 4 mm in length (point to point). This feature provides a useful guide for estimating colony size.



## ENUMERATION



### TVC/TCC (Total Viable Count/ Total Colony Counts)

Colony Counts < 1000

- Count colonies
- TVC/TCC Count = Count x 2.5

Colony Counts > 1000

- Use chart
- TVC/TCC Count = Count x 2.5

## DISPOSAL

Twist to remove paddle from vial. Fill vial to 40 mL fill line with 1:9 dilution of household bleach (5.25% sodium hypochlorite solution). Replace paddle in vial. Allow 15 minute contact time. Remove paddle. Discard bleach solution. Replace paddle in vial and dispose.

Visit [www.lamotte.com/BioPaddles.html](http://www.lamotte.com/BioPaddles.html) to view and download a Technical Information Document for this type BioPaddle.



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**WARNING!** This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.

For *in vitro* diagnostic use only. These products should be used only by adequately trained personnel with knowledge of microbiological techniques in the laboratory.  
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