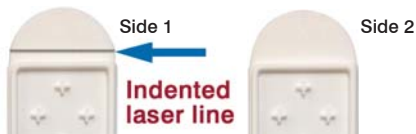


LaMotte BioPaddles®

IDENTIFICATION

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



STORAGE

Store tightly sealed BioPaddles® in a cool, dry location. Shield from direct sunlight. Store BioPaddles® at room temperature (65 - 77°F/18 - 25°C). Avoid sudden temperature changes. Temperature fluctuations may result in condensation settling at the bottom of the vial. This will not affect the culture properties but could reduce the shelf-life or cause the agar to separate from the plastic paddle support. Do not refrigerate or store at temperatures above 80°F/27°C. Refrigeration may result in water condensation. Avoid freezing. Freezing can promote excess water loss and variation in media surface due to crystal formation. If freezing occurs, wrap BioPaddle in vial in thick towel and thaw at room temperature for 3-6 hours.

Refer to Best Before End date (See: BBE stamped on vial). Discard if paddle agar appears oxidized and darker than the expected color or if contaminants appear. The expiration date is based on medium in an intact container that is stored as directed.

SAMPLING

Liquids: Twist to remove paddle from vial. Fill vial to 40 mL fill line with the liquid to be sampled. Replace paddle. Allow a contact time of 15 seconds. Remove the paddle. Empty the vial. Replace the paddle in the vial.

Surfaces: Recovery rate is about 50%. Twist paddle to remove from vial. To ensure an accurate recovery, touch the paddle surface (10 cm²) to the test surface twice to cover a 20 cm² area (2 X 10 cm²). Allow 15 second contact time. Replace paddle in vial.

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.

BioPaddles® Colony ID™ Lite App

Compare colony examples on BioPaddle media types from 5 microhabitats.

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

for a direct link to
download your free copy!



INCUBATION

In general, incubate at $35^{\circ}\text{C} \pm 2^{\circ}$ for 18-24 hours. Incubation for longer than 24 hours may produce confluent growth making enumeration more difficult. For incubation instructions for specific BioPaddles see Tech Data Sheet at www.lamotte.com/BioPaddles.html

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

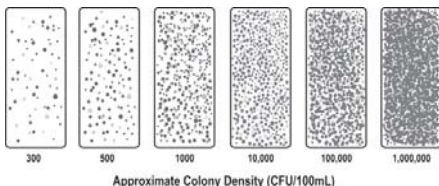
Total Colony Count For liquid samples (40 mL)

Colony density **less than 300** colonies

- Count colonies on BioPaddle
- Colony count (CFU/100 mL) = count X 25

Colony density **300 colonies or greater**

- Compare colony density to Colony Density Panels
- Multiply visual paddle count by 2.5 to report count as CFU/100 mL



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). Replace paddle in vial. Allow 15 minute contact time. Remove paddle. Discard bleach solution. Replace paddle in vial and dispose. Alternatively, loosen cap and microwave for 30 seconds, autoclave, or incinerate.

Visit www.lamotte.com/BioPaddles.html to view and download Technical Information Documents for specific BioPaddles.



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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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