



Hach Paddle Tester Products

Applications

- Industrial Water
- Food and Beverage
- Drinking Water
- Surface Water



Simple and Efficient Screening for Microbial Contamination!

Hach paddle testers (also known as dip slides) are designed for testing water samples, non-viscous liquids, and surfaces. Paddle testers are self-contained and ready-to-use.

Paddle Testers allow rapid, easy, semi-quantitative screening where unsanitary conditions may exist. They are routinely used where the level of microbial contamination is high. Monitoring with paddle testers and recording the results over time gives a good indication of how microbial load is changing at a given site. They provide a simple, on-site means of estimating the total aerobic bacteria levels as well as the yeast and fungi, total coliforms, or the efficacy of disinfection in liquid samples or on surfaces.

The paddle is double sided and attached to the vial cap. Each side of the paddle tester performs a separate microbial test. Paddle testers have a non-selective medium on one side for assessment of total bacterial count. The other side has a selective medium for specific organisms. The non-selective medium contains TTC (2,3,5-triphenyltetrazolium chloride) which stains most colonies red and aids in the counting of microbial colonies on the solid culture media.

Ease of Use

Hach paddle testers are easy to use and require minimal training.

Versatility

Paddle testers are used for testing water, non-viscous liquids, or surfaces.

Two Tests in One

One side of the paddle has a non-selective medium that provides a total viable count (TVC) to measure the extent of microbial growth in a sample or on a surface. The other side has a selective medium that allows differentiation of total coliforms, yeast and mold, or assesses the efficacy of disinfection.

Molded in Grid

Each paddle features a molded-in grid for easy colony counting without opening the optically clear, leakproof vial.

Order Information

Product Variants

Hach paddle testers are easy to use and require minimal training. Paddle testers can be utilized to test water, non-viscous liquids, or surfaces. One side of the paddle has a non-selective medium that provides a total viable count or TVC (Total microbial growth in or on a sample). The other side has a selective medium that allows differentiation of total coliforms (2610910), yeast and mold (2610810), or testing of the efficacy of disinfection (2619510).

2610810

Paddle Tester (Dipslide), Total Aerobic Bacteria/Yeast and Mold, 10/pk

These paddle testers have **Tryptone Glucose Extract Agar** on one side, and **Sabouraud Dextrose Agar** on the other. Tryptone Glucose Extract Agar is used for the enumeration of bacteria in water, air, milk, and dairy products. Sabouraud Dextrose Agar is a selective medium that allows Yeast and Fungi to grow. This medium has an acidic pH which inhibits bacterial growth. It can be used to detect fungal contamination in food and cosmetics.

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Paddle Tester (Dipslide), Total Aerobic Bacteria/Total Coliforms, 10/pk

These Paddle testers have **Tryptone Glucose Extract Agar** on one side, **Violet Red Bile Agar** on the other. Violet Bile Red Agar is a selective and differential medium used in microbiology to detect and enumerate coliform bacteria, particularly in food and dairy products. It contains bile salts and crystal violet to inhibit gram-positive bacteria (such as Staphylococci) and allows lactose-fermenting gram-negative bacteria to grow. Neutral red is included in the medium as a pH indicator. These appear as pink to red colonies. Non-lactose fermenters produce colorless colonies.

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Paddle Tester (Dipslide), Total Aerobic Bacteria/Disinfection Control, 10/pk

This version of the Paddle testers has **Tryptic Soy Agar** for Total Aerobic Bacteria and **DE (Dey-Engley) Neutralizing Agar** on the other side. Tryptic Soy Agar is non-selective and allows a wide variety of bacteria to grow. DE- Neutralizing Agar is utilized when the neutralization of chemical disinfectants is important to allow differentiation between bacteriostatic and bactericidal activity. Growth and reproduction of bacteria is inhibited, but the bacteria are not killed. Neutralization of disinfectants prevents carryover from causing a false no-growth test result and allowing detection of organisms that remain following treatment.



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