

DIPSLIDES FOR ENVIRONMENTAL PATHOGEN TESTING

Dipslides are cost-effective method for testing presence/absence and or count of Yeast and Mold, Total Bacteria, Coliform, Salmonella and other pathogens from environmental samples. This includes samples from air, surfaces or liquids and results are obtained within 24-48hrs in most cases. It doesn't require special handling or training and some simple set of instructions in the kit are sufficient enough to perform these tests!

Dipslides are double-sided containing selective growth media for microorganisms on each side. After sampling, the slides need incubation in one of specially designed [dipslide incubators](#) or a general lab incubator. The dipslide incubators are small and available as portable units for use in many field applications (on the go type, also can be used in your vehicles using a car adaptor etc.!).



Method: For environmental surfaces, the slides are flexible on both sides to tap on the surface. Unscrew the cap, tap the surface gently and put it back. Incubate in upright position using the incubator at required temperature and duration.

For air quality, remove the dipslide from its tube, turn it upside down and place on a flat surface/table etc. You can expose the slide to the air for a specific amount of time, usually 15 minutes and then the dipslide can be replaced back within its tube and incubated at required temperature and duration.

For liquids, unscrew the cap and withdraw the cap/slide from the vial. Be careful not to touch the agar coated surface of the slide. Dip the slide into the fluid to be tested, covering the agar surface for a minimum of three seconds before removing. Allow excess fluid to drain from the slide, screw the cap and incubate vial in upright position at required temp and duration.

Below are some examples of dipslides and incubators. Please inquire with us for up-to-date pricing and other available products not listed here. **Note:** Both [Dipslide Malt extract agar for Yeast and Mold](#) and [Dipslide MacConkey agar for Coliform, Salmonella & Shighella](#) below are double sided, the second side contains nutrient agar with TTC that also allows you to test for Total Bacterial Count.

[Dipslide Malt extract agar for Yeast and Mold](#)

[Dipslide MacConkey agar for Coliform, Salmonella & Shighella](#)

[Low volume dipslide incubator](#)

[Orion MX8 dipslide incubator](#)

[Professional dipslide incubator](#)

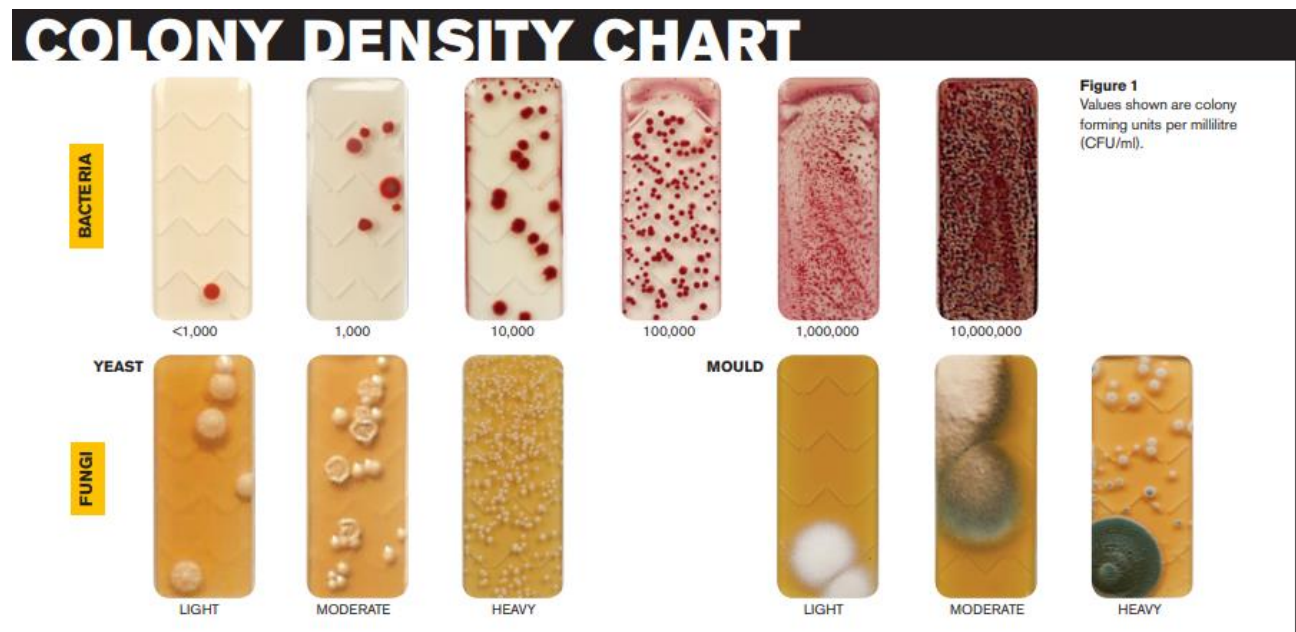
Counting/detection: Characterization is based on the appearance and counting estimate is done based on the color density chart similar to the one below (comes with kit).

Dipslide Malt extract agar for Yeast and Mold- Yeast and Mold colonies appear on the yellow side of the slide which is usually white, blue, green or fuzzy looking colonies.

Total bacteria on the colorless side (Bacterial colonies appear as red dots).

Dipslide MacConkey agar for Coliform, Salmonella & Shighella - Coliform bacteria giving pink colonies (lactose-fermenters) and later two species (Salmonella and Shighella) give transparent, colorless colonies (non-lactose-fermenters).

- For Bacteria, you can do a count estimate in terms of range of CFU/ml
- For Yeast and Mould you can characterize as absence, light, moderate or heavy presence.



Disposal: Dispose of used dipslides in a biohazard container (if available). If not, soak in Bleach solution overnight and dispose in regular garbage.



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