

Lovibond® Water Testing

Tintometer® Group



D006 PDM/MAC Pseudomonas / Coliforms

Order Code: 56B010610

The PDM/MAC dipslide allows convenient enumeration of *Pseudomonas* spp. on the pale straw Pseudomonas differential media (PDM) and *enterobacteriaceae* on the reddish/brown MacConkey side. PDM agar is a differential media that selects for *Pseudomonas* spp., while MacConkey agar is differential, all in one test for gram negative bile tolerant *Enterobacteriaceae*.

SAMPLING: Fluids

The sample should be taken by immersing both sides of the paddle into the fluid to be tested, it having first been removed from the sterile container. Excess sample should be gently shaken from the paddle before it is replaced in the container.

SAMPLING: Surfaces

The sample should be taken by allowing direct contact between the agar surface and the test material. The paddle is flexible and can be bent at the upper end to allow both surfaces to come into intimate contact. Bacterial recovery rate is about 50% so that sweeping an area approximately twice that of the paddle will give a more accurate result.

INCUBATION

Incubate at 30°C-35°C for 24-48 hours, when full enumeration should be completed. Alternatively incubate for 18-24 hours at 37°C for enumeration of *Enterobacteriaceae*.

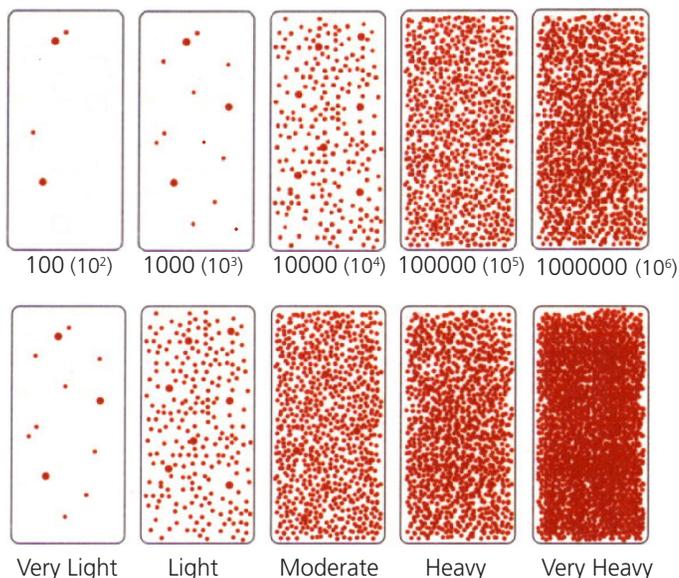
DISPOSAL

Used slides should be incinerated or autoclaved. Alternatively, immerse in a 10% bleach solution for 24 hours.

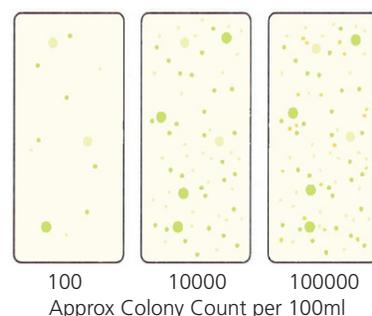
Organism	Colony Size (mm)	Shape & Surface	Colour	Comments
<i>Pseudomonas Aeruginosa</i>	Spreading	Glossy, Thin	Yellow / Green	PDM
<i>P. fragi</i>	1.0-3.0	CV.E.G	Grey	PDM
<i>E. aecalis</i>	1.0-2.0	CV.E.G	Red	MacConkey No. 3
<i>E. Coli</i>	1.5-2.5	CV.E.G	Pink / Red	MacConkey No. 3
<i>S. typhimurium</i>	0.5-1.0	FED	Colourless	MacConkey No. 3

CV.E.G = Convex entirely glossy, FED = Full entire dull

AEROBIC Bacteria - TVC



PDM AGAR



Green / Blue
Pseudomonas aeruginosa
Buff / Grey
Other *Pseudomonas* Species
Green / Blue & Buff / Grey
Total *Pseudomonas*

MacConkey AGAR
Colourless

Salmonella typhimurium
Proteus mirabilis
Pseudomonas aeruginosa
Pink
Aerobacter aerogenes
Pink / Red
Escherichia coli
Yellow / Green & Buff
Total Coliforms

