

## PDM/MAC D006 Dipslide

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.

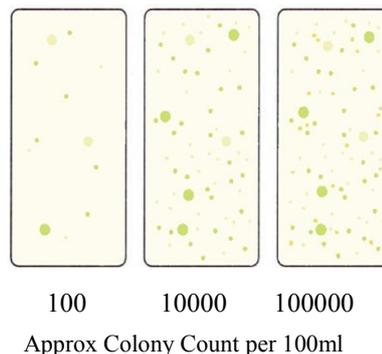
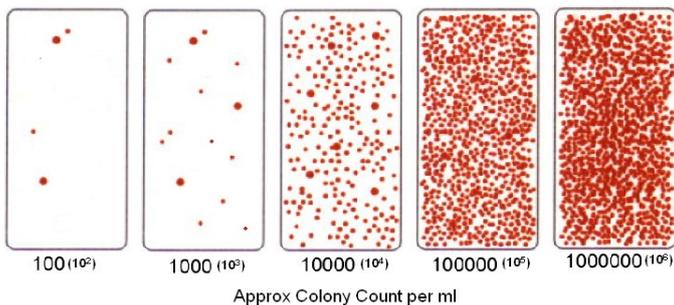
### DISPOSAL

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	CVEG	Grey	PDM
<i>E. aecalis</i>	1.0-2.0	CVEG	Red	MacConkey No. 3
<i>E. coli</i>	1.5-2.5	CVEG	Pink/ Red	MacConkey No.3
<i>S. typhimurium</i>	0.5-1.0	FED	Colourless	McConkey No. 3

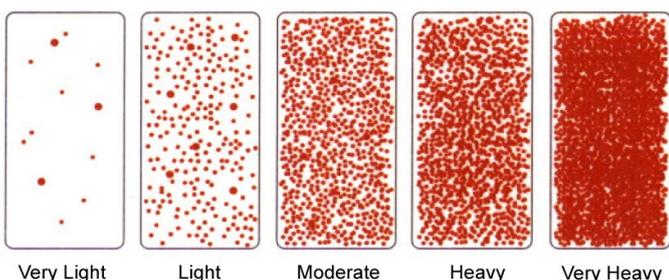
CV.E.G = Convex entirely glossy, FED = Full entire dull

### AEROBIC MICROBES - TVC Fluids



**PDM AGAR:**  
Green/ Blue:  
***Pseudomonas aeruginosa***  
Buff/Grey colonies:  
**Other *Pseudomonas* Species**  
Green/ Blue and Buff/Grey:  
**Total *Pseudomonas***

### Surface



**MACCONKEY AGAR:**  
**Colourless:**  
*Salmonella typhimurium*  
*Proteus mirabilis*  
*Pseudomonas aeruginosa*  
**Pink:**  
*Aerobacter aerogenes*  
**Pink/Red:**  
*Escherichia coli*  
**Yellow/Green + Buff colonies:**  
**Total coliforms**

