

TTC/PDM D007 Dipslide

The TTC/PDM dipslide allows convenient enumeration of total viable cell count (TVC) of aerobic microorganisms on the Nutrient/TTC medium and enumeration of *Pseudomonas* species on the *Pseudomonas* Differential Medium (PDM). PDM differentiates several species of *Pseudomonas* to facilitate enumeration of total *Pseudomonas* species present.

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 for 24-48 hours, when full enumeration should be completed.

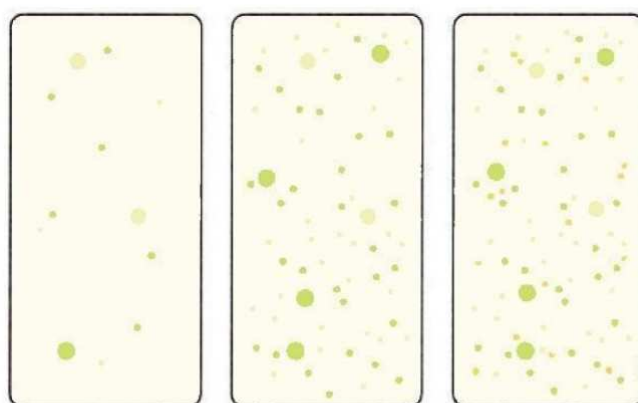
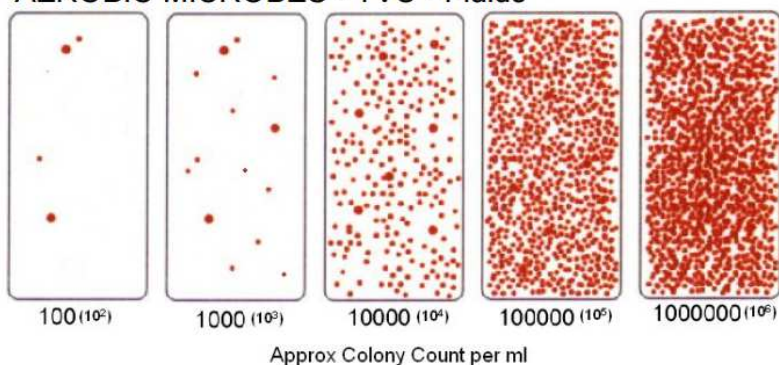
DISPOSAL

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

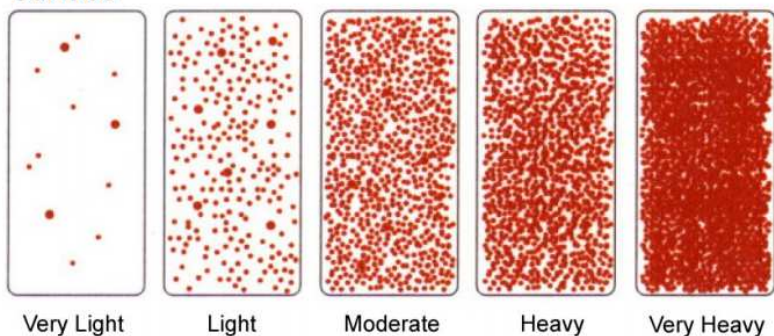
Organism	Colony Size (mm)	Shape & Surface	Colour	Comments
<i>Pseudomonas aeruginosa</i>	2.0 - 3.0	CV.Cr.D	Green/Blue	Fluorescence
<i>P. fluorescens</i>	2.0 - 3.0	CV.Cr.D	Yellow	Fluorescence
<i>P. fragi</i>	1.0 - 3.0	CV.Cr.D	Grey	-
<i>P. maltophila</i>	2.0 - 3.0	CV.Cr.D	Grey	-
<i>P. putida</i>	2.0 - 3.0	F.Cr.D	Grey	-

CV = convex CR = crenated F = flat Rz = rhizoid E = entire G = glossy P.P. = pinpoint D = dull

AEROBIC MICROBES - TVC - Fluids



Surface



Green/Blue – *Pseudomonas aeruginosa*
Buff/Grey – Other *Pseudomonas* Species