

## Product Code BV Interpretation

### Agar 1 : Baird Parker Agar

<i>Organism</i>	<i>Appearance</i>
Staph Aureus	Grey black shiny clear zone in agar around colonies
Yeast	White, putty like
E. Coli & Micrococci & Bacillus & Proteus	Brown/black, matt no clear zone

### TP Dipslides

Pseudomonas Agar

Ps. aeruginosa appears as blue-green or brown colonies.

**Dipslides for industrial  
and Environmental Monitoring of  
Bacteria and Fungi**

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## **Inoculation (Surfaces)**

Remove cap, and withdraw combined cap/tongue unit. Do not touch culture gel. Holding the slide by the tabs at each end, press one side of the agar against the surface under test. The ribbed portion above the agar will bend to allow full contact.

Repeat with the second side on an area close to the first site.

Replace the slide in the tube, seal firmly, label as required, and incubate.

## **Inoculation (Fluids)**

Remove cap/tongue unit from the tube, and without touching the gel, immerse the tongue in the fluid to be tested for about ten seconds, or hold the slide under running liquid or spray so that both sides are covered. Allow excess fluid to drain for a few seconds.

Replace in tube, seal firmly, label as required and incubate.

## **Incubation**

Incubate upright as detailed for each product, **OR** at the temperature of the system if this is markedly different. Where other guidelines are laid down (eg. HSE) these should be followed.

## **Interpretation**

Compare the incubated slide to the charts provided, reading the result from the closest matching picture. Fluids are calibrated in "Colony forming units" (CFU) per millilitre. Surface results are in CFU per square centimetre.

Bacteria and yeasts are both compared to the top chart. Fungi (Furry colonies) are compared to the lower chart.

Very high levels of infection may lead to a complete overgrowth on the slide. If this may be the case, comparing the slide to an unused example will show the difference.

<i>Slide incubation</i>			<i>Agar 1</i>		<i>Agar 2</i>	
<i>Code</i>	<i>Temp</i>	<i>Hrs</i>	<i>Colour</i>	<i>Growth</i>	<i>Colour</i>	<i>Growth</i>
BT2	35C	24-48	Straw	Total Count	Straw	Total Count
BTM2	30C	24-120	Straw	Total Count	Brown	Yeasts & Moulds
PC2	35C	24-48	Straw	Total Count	Straw	Total Count
PCV	35C	24-48	Straw	Total Count	Violet	Enterobacteriaceae
PO	22C	24-120	Straw(*)	Total Count	Straw	Yeasts & Moulds
RBS	30C	24-120	Straw	Total Count	Pink	Yeasts & Moulds
SC2	35C	24-48	Straw	Total Count	Red	Coliforms
SCN	35C	24-48	Straw	Total Count	Red	Coliforms
SCT	35C	24-48	Straw	Total Count	Red	Coliforms
TV	35C	24-48	Straw	Total Count	Red/Brown	Enterobacteriaceae
*BV	35C	24-48	Yellow	Staphylococci	Violet	Enterobacteriaceae
BRB2	30C	24-120	Pink	Yeasts & Moulds	Pink	Yeasts & Moulds
*TP	35C	24-48	Straw(*)	Total Count	Straw	Pseudomonas CFC
PC2T	35C	24-48	Straw	Total Count	Straw	Total Count
PC2TN	35C	24-48	Straw	Total Count	Straw	Total Count
BT3	35C	24-48	Straw	Total Count	Straw	Total Count

\* See over for details

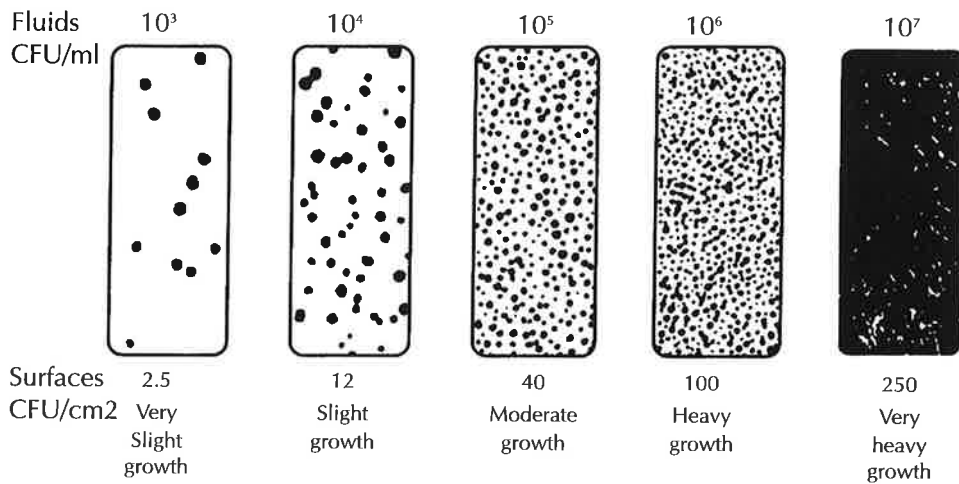
## Storage

Store in a cool dry place (Optimum 8-15 degrees c). Use before the expiry date on the box. Do not use slides if there is any sign of growth before opening. Slides remain usable while the agar is smooth and attached to the slide. A small amount of water may collect in the bottom of the tube. This is condensate from the agar and does not affect performance, provided the agar still fills the tray.

## Disposal

Used slide should be incinerated, autoclaved or soaked in disinfectant for several hours before disposal.

## Comparison Charts Bacteria/Yeasts



Counts of  $10^5$  or less shows moderate infection.  
 Counts of  $10^5$  or higher requires addition of a  
 suitable biocide.

## Comparison Chart Mould

