Nutrient Agar with TTC and Malt Extract Agar. Nutrient Agar is a general purpose agar that tests for a total bacteria count. The Nutrient agar incorporates red spot dye which makes it easier to interpret results. Malt Extract Agar tests for yeasts and moulds. This is a general purpose slide that can be used in a variety of applications.

**Usage**

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**Kit Contains**

<table>
<thead>
<tr>
<th>BTM2</th>
<th>10 pcs</th>
<th>10 pcs</th>
<th>1 pcs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test slides</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Label</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instruction for use</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Typical formulation**

<table>
<thead>
<tr>
<th>Nutrient Agar</th>
<th>Malt Extract Agar</th>
</tr>
</thead>
<tbody>
<tr>
<td>'Lab-Lemco' powder</td>
<td>Malt extract</td>
</tr>
<tr>
<td>Yeast extract</td>
<td>Mycological peptone</td>
</tr>
<tr>
<td>Peptone</td>
<td>Agar</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>Gelatin</td>
</tr>
<tr>
<td>Agar</td>
<td></td>
</tr>
<tr>
<td>Gelatin</td>
<td></td>
</tr>
<tr>
<td>Triphenyl tetrazolium chloride</td>
<td></td>
</tr>
</tbody>
</table>

**Notifications / warnings**

All dipslides will have an expiry date label on the box. Do not use the dipslides outside of this expiry period (dispose of accordingly). Do not use the test if:
- Evidence of growth has occurred.
- Agar has become detached.
- Agar has become dehydrated.

**Disposal**

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

**Recommended Incubation time / temperature**

Incubate upright for 24-120 hours @ 30°C 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**

Using the comparison chart provided, assess your results by matching your incubated slide to the image that resembles it the most. Bacteria / fungi in liquids are calculated using colony forming units (cfu) per millilitre. For contaminated surfaces, the measurement is cfu per square centimetre. Overgrowth on the slide may occur if there is a very high level of infection.

**Order Details**

Available from https://dip-slides.com
Model number BTM2
Carefully remove the sterile dip slide from its tube ensuring that no contact is made with the Agar (to avoid contamination).

For liquid testing, immerse the slide into the fluid for 10 seconds then remove and allow to drain for a few seconds.

For surface testing, place the slide onto the surface. If needed, place a finger on the bottom of the slide to add extra pressure.

For liquid testing, immerse the slide into the fluid for 10 seconds then remove and allow to drain for a few seconds.

Apply a swab of the test substance to a cotton bud and gently apply to the agar.

Label the tube with the included stickers then place the slide into an incubator and allow to incubate for 24-120 hours.

Remove the slide from the tube and compare the results with the comparison chart provided.
Comparison chart: mould

0.4 Very slight growth

10^2 CFU/ml

1.6 Moderate

Surfaces

10^3 CFU/ml

4 Heavy

10^4 CFU/ml

Fluids

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