



# Dip Slides for microbiology

## Application

PanReac AppliChem dip slides are a suitable, easy-to-use and cheap system for the Microbiological Hygiene Control of both surfaces and solutions. Each dip slide has two faces coated with agar-based medium, with a usable area of 12 cm<sup>2</sup> per face. These two faces can contain different media, thus meaning that twice as much information regarding microbial contamination can be obtained using a single device.



## Main advantages

- Their **ease-of-use** means they can be used by untrained personnel.
- **Semi-quantitative results** are obtained after incubation under the indicated conditions.
- Suitable for the majority of **Hygiene Control** applications in both the food industry and other industrial applications.
- The **flexibility** of the plastic strip allows samples to be taken in areas that are inaccessible to contact plates.
- They can also be used for the qualitative control of **microbial contamination in liquids** by simply immersing the dip slide in the sample.
- Supplied in a cardboard box and are **protected** by a stamped support and a sponge pad to absorb knocks and reduce the risk of the medium becoming detached.

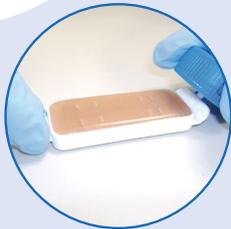
Description	Code	Package
<p><b>Slide PCA/PCA for microbiology</b> for a total aerobic count. 2 faces of medium PCA+TTC+Neutraliser TTC allows the bacterial colonies to be visualised and counted more easily as it turns them red-brown. The neutralising agents inhibit the action of bactericides, thereby facilitating growth of the microorganisms present. Incubation for 24 hours at 37 °C. Incubation can be prolonged for a further 24 hours if required.</p>	435895.0922	Pack of 20 units
<p><b>Slide PCA/RB for microbiology</b> for total aerobic and moulds and yeasts counts. Face 1 contains PCA+TTC+neutraliser medium for the total aerobic count. Face 2 contains Rose Bengal Agar + Chloramphenicol for the moulds and yeasts count. The Chloramphenicol inhibits bacterial growth. Incubation for 24 hours at 37°C for total aerobic counts. Subsequently incubate for a further 24-48 hours at 25-30 °C for moulds and yeasts counts. Incubation can be prolonged for a further 24 hours if required.</p>	435896.0922	Pack of 20 units
<p><b>Slide PCA/VRBG for microbiology</b> for total aerobic and enterobacteria counts. Face 1 contains PCA+TTC+neutraliser medium for the total aerobic count. Face 2 contains VRBG Agar for the enterobacteria count. Incubation for 24 hours at 37 °C. Incubation can be prolonged for a further 24 hours if required.</p>	435897.0922	Pack of 20 units



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## Procedure

1. Unscrew the cap from the tube and remove the support strip containing the two culture media. Ensure the agar does not come into contact with the fingers or any other surface.
2. Proceed as follows depending on the material to be examined:
  - Direct **surface** contact: Hold the stopper and the end flap of the dip slide with both hands. Bend the stopper to 90° and press the agar onto the surface to be sampled. Press lightly and evenly with both hands to ensure contact.
  - **Swabs**: Pass the swab used to take the sample over each face of culture medium ensuring that all the sample on the swab is transferred.
  - **Liquids**: Immerse the dip slide in the liquid to be sampled. Remove the supernatant by gently shaking the dip slide or remove excess liquid from the plastic using an absorbent paper towel.



Surfaces



Swabs

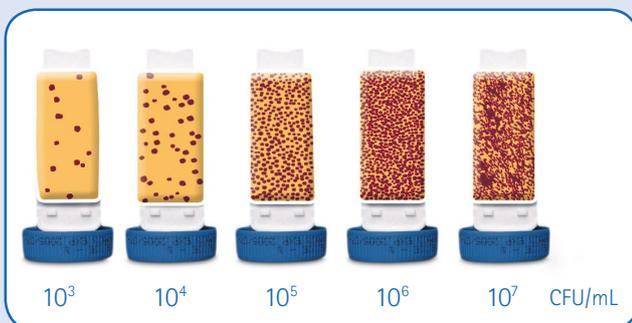


Liquids

3. Insert the dip slide into its original tube and screw the cap on without closing completely to ensure air can enter. Label the sample correctly.
4. Incubate at 37 °C for 24-48 h. Incubation should be prolonged for a further 24-48 hours at 25-30 °C in the case of moulds and yeasts research. The incubation times and temperatures can be varied depending on the requirements and after ensuring they function correctly.

## Measuring microbial contamination using dip slides

Total aerobe count on PCA+TTC (CFU/mL).



Semi-quantitative results obtained in control of liquid samples.

## Storage

Store at between 15 and 20°C in a dry place and protect from sources of light and heat.

Maximum shelf-life: 9 months.

IP-023EN

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