



## Usage

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.

## Kit Contains

BTM2	
Test slides	10 pcs
Label	10 pcs
Instruction for use	1 pcs

## Typical formulation

Nutrient Agar	Malt Extract Agar
'Lab-Lemco' powder	Malt extract
Yeast extract	Mycological peptone
Peptone	Agar
Sodium chloride	Gelatin
Agar	
Gelatin	
Triphenyl tetrazolium chloride	

## 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 dehydrated.
- Agar has become detached.

Nutrient + Malt Extract Dipslides  
Model #BTM2  
Product data sheet

## Storage

Slides should be stored in a cool dry place (optimum 8-15 degrees c). A small amount of moisture / condensation may collect in the bottom of the tube. This will not affect the performance of the dipslide.

## Inoculation (Surfaces)

Remove the slide from its container. Be careful not to touch the agar. Using the tab, hold the slide and press it firmly onto the surface that you are testing. Make sure to test both sides.

Replace the slide within the container making sure it is fully sealed within. Label your slide using the labels provided and place the slide within an incubator.

## Inoculation (fluids)

Remove the slide from its container. Be careful not to touch the agar. Immerse the slide / agar within the sample for approx 10 seconds.

Alternatively, hold the slide under running liquid making sure that both sides are covered.

Remove the slide and allow excess fluid to drain before replacing within the container.

Label your slide using the labels provided and place the slide within an incubator.

## Inoculation (swabs)

Using a sterile swab, collect a sample of the substance you would like to test.

Apply the sample to the agar using the swab.

Replace the slide within its container and label using the label provided.

Place the slide within an incubator.

## 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.

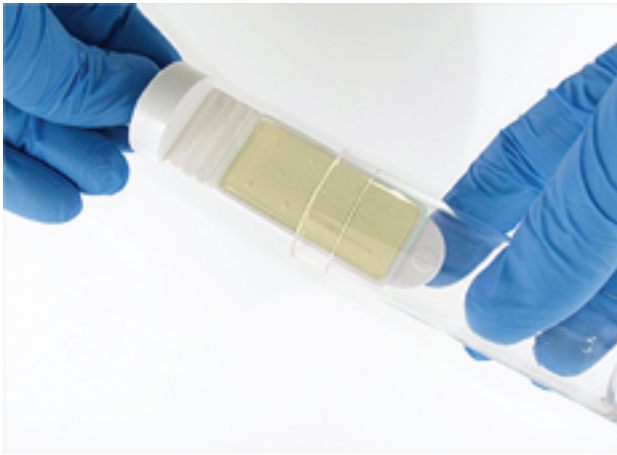
## Disposal

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

## Order Details

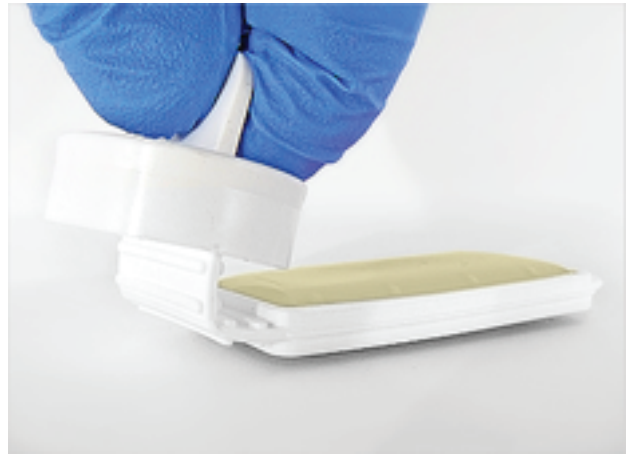
Available from <https://dip-slides.com>  
Model number BTM2

## Usage (diagram)



### Step 1 : Remove slide from sterile tube

Carefully remove the sterile dip slide from its tube ensuring that no contact is made with the Agar (to avoid contamination).



### Step 2 : If surface testing

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



### Step 3 : If liquid testing

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



### Step 4 : If swab testing

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



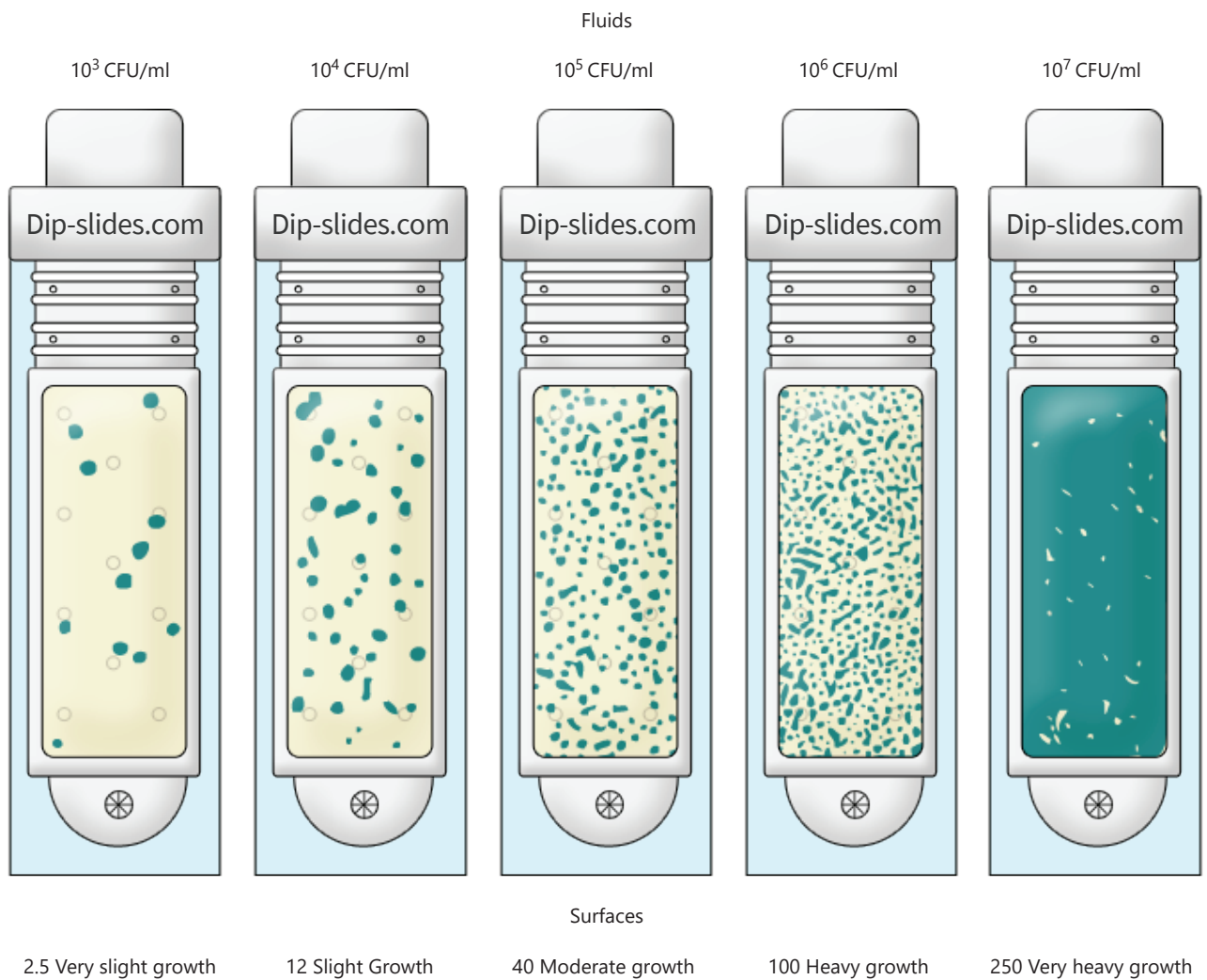
### Step 5 : Incubate slide

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



### Step 6 : Compare results

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



Comparison chart: mould

