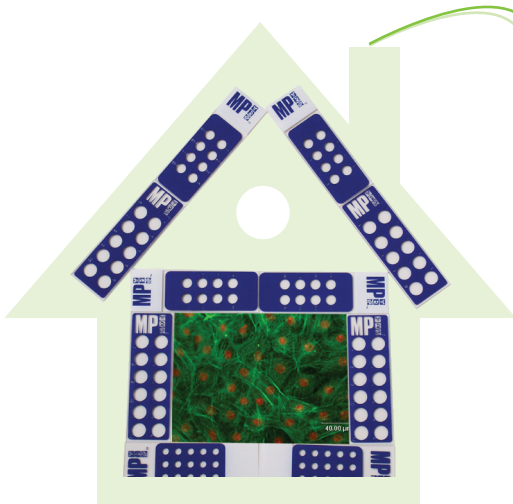


# Multitest Slide

Build welcoming homes for your cells



High quality glass slides with a unique blue PTFE coating offer:

- Self draining surface
- Resistant to common organic solvents and fixatives
- Sterilizable 1 hour at 160°C
- Cells only attach to uncoated glass

Uncoated areas have a total wettable surface so that liquid spreads evenly over the area of each well.

A range of multitest slides are available for many applications including Immunofluorescence, cell culture, slide agglutination tests and histology.

**Size:** 2.5 cm x 7.5 cm x 1 mm

N° of well	Well diameter	Wells array	Numbered	Frosted	Cat N°
15	4 mm	3 x 5	No	Yes	6041505E
12	8 mm	2 x 6	Yes	No	6041205E
10	8 mm	2 x 5	Yes	No	6041805E
8*	6 mm	2 x 4	Yes	No	6040805E

\*The 8-well slides feature the same spacing as standard microplates.

## Culture of Cells on Multitest Slides

- Rinse the slides briefly in a warm detergent solution (e.g. 3% 7X catalogue number 7667094), then successively in tap water and deionized water.
- Sterilize the slides, preferably by using dry heat at 160°C for 1 hour.
- Place slides in the bottom of a 90mm diameter sterile Petri dish.
- Prepare a suspension of cells in the appropriate medium at concentration of approximately 5x10<sup>4</sup> cells/ml.
- Dispense 25ml of this cell suspension into each Petri dish then incubate in a humid atmosphere of 5% CO<sub>2</sub>/air mixture. The cells will only attach to the uncoated glass.
- When a confluent cell monolayer is achieved, the slides can be withdrawn from the Petri dish and rinsed 2 - 3 times in successive changes of saline.
- Cells are ready to be fixed. The method of fixation will vary according to the needs of the particular technique.

## Preparation of Cultured Cells for Immunofluorescence Test Using Multitest Slides

- Dispense a single drop of cell suspension onto each well of the clean Multitest Slide.
- Incubate the slides at 60°C until the drops evaporate to dryness.
- Flood the slides with ice-cold acetone for 1-2 minutes.
- Discard the acetone and replace with fresh cold acetone for a further 5-10 minutes.
- Air-dry the slides. They are now ready for performing the Immunofluorescence test.

Alternatively, slides could be stored at -20°C sealed in a box with silica gel for several weeks.

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