



Microplates Provides a Full Range of 96-well Microplates Including the 48 and the 384

Microplates provide you with a full range of [96-well microplates](#) including the 48, and the 384, and you have a choice of glass fibre, nylon, PVDF or polyethylene filtration materials and well volumes ranging from 350 μ l to 5 ml. The filtration plates are used in their purest form to remove particulate matter from liquid. Either the particulate matter or the filtrate is needed for further study. Microplates have a range of filter plates to suit most filtration applications.

At Microplates, they have optimised filter plates for applications including cell harvesting, DNA separations, binding studies, Plasmid isolation, general filtration and sample clean-up.

First, you have the solid transparent [assay plate](#) – 96-well clear plates which offer the perfect mix of affordability and high quality. Not only are they manufactured from high-quality crystal polystyrene, but they also have a flat bottom for spectrophotometric work and a v-bottom which helps to minimise residual liquid. It is robot compatible with working volumes from 275 μ l down to 10 μ l and a round bottom for cell/particulate collection.

The 96 well microplate is available in 300 μ l, 400 μ l, 800 μ l and 2ml. For example, the 96-well microplate 2ml suits most filtration applications, including this range of 96-well, 2ml, microplates which contains a choice of glass fibre, nylon, PVDF or polyethylene filtration materials.

Porvair Science's range of solid bottom 96-well assay plates is designed explicitly for absorbance, fluorescence, luminescence and scintillation applications. The design uses the most popular 96-well format with standard 'chimney' wells to overcome optical crosstalk and contamination.

These plates are designed to give optimum results from any instrument which reads from the top of the plate.

Some highlights of these plates include the composite black/white plate which is ten times more sensitive than a standard white plate for chemiluminescence assays. As well as the following listed below, which include:

- Black plates designed for top reading fluorescence instruments
- Black plates have low background fluorescence and minimise light scattering
- White plates maximise signal for luminescence readers
- A highly polished well to give better readings

For the [384-well plate](#), you have a range of plates to choose from such as the 384-well 140 μ l polypropylene, long drip glass fibre, mean pore size 1.2 μ m and mean pore size 0.7 μ m. As well as a long drip and no filter, a long drip UHMW pore size 25 μ m and 5.0 μ m.

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The 384-well [assay plates](#) from Porvair Sciences are available in black, white and bright. A significant advantage of these is that they have been optimised for fluorescence, luminescence/scintillation and ELISA/turbidity measurements. There are two working volumes: 30µl/well or 120µl/well. All 384-well assay plates are available in standard, high bind and tissue culture-treated formats.

You can get in touch with Porvair Sciences Ltd today if you require more information about Microplates new products, or if you have any questions or queries. They recommend going online to browse their full range of 96-well microplates at <https://www.microplates.com/solid-bottom/>. Alternatively, you can call 02920 480720, or you can email patricia.deeside@gmail.com for more information.

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Microplates

+44 (0)1978 661144

Clywedog Road South Wrexham Industrial Estate

Wrexham LL13 9XS

United Kingdom

<https://www.microplates.com/>