

June 2019

*Ultra-Flat Quartz Bottom Microplates*

**The Black Krystal UV quartz-**

bottomed microplate range from Porvair Sciences exhibit high optical transmission in the 185- to 1100 nm wavelength range, making them ideal for laboratories tasked with Circular Dichroism (CD) measurements.

**Manufactured**

from ultra-pure grade black polystyrene, these plates exhibit very low autofluorescence and are resistant to solvents including alcohols, DMSO, and PBS which are widely used in CD spectroscopy. Precision engineered to deliver a high degree of planar flatness ( $\pm 100$  microns) across the optical surface of all wells enables imaging and ultra-sensitive CD measurement of proteins and other biological molecules through the base of these plates.

**Offered in a choice**

of convenient ANSI/SLAS compliant 96- or 384-well formats, Black Krystal UV quartz-bottomed plates offer a major step forward for labs seeking to make high-throughput, sensitive CD measurements.

Circular Dichroism is a well-established technique for studying optical isomers and secondary structure such as alpha / double helix in biological molecules.

**For further information**

on Black Krystal UV quartz-bottomed microplates please visit <https://www.microplates.com/krystal-uv-transparent/> or contact Porvair Sciences now on +44-1978-666222 / +1-800-552-3696 / [int.sales@porvairsciences.com](mailto:int.sales@porvairsciences.com).

**Established**

in 1992, Porvair Sciences is one of the largest global manufacturers of ultra-clean microplates and top-quality microplate equipment for life science, synthetic chemistry and many other applications. Porvair Sciences is a wholly owned subsidiary of Porvair plc.

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**Worldwide HQ**

**Porvair Sciences Ltd**

Clywedog Rd South  
Wrexham Industrial Estate  
Wales LL13 9XS  
UK

Tel: +44 1978 661144

Email: [int.sales@porvair-sciences.com](mailto:int.sales@porvair-sciences.com)

Web [www.porvair-sciences.com](http://www.porvair-sciences.com)