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UV-clear microplates for DNA purity checking

Ultra Optically Clear assay plates from Azenta Life Sciences

provide high optical transmission in the UV waveband, making them ideal for labs tasked with DNA purity measurements performed at 260 / 280nm. The high UV waveband transmission of these plates is derived from an ultra-clear cyclic olefin copolymer (COC) base, which gives superior results by delivering very low background absorbance and low autofluorescence.



Manufactured from COC,

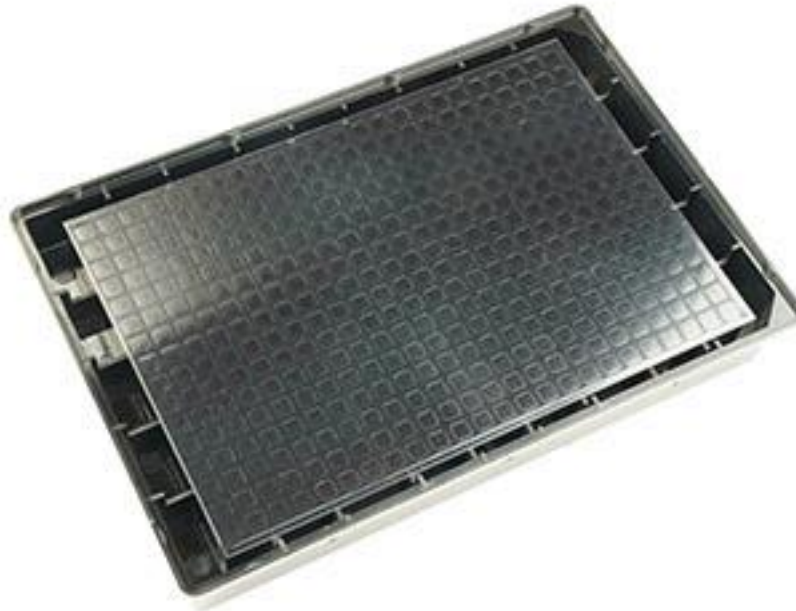
Azenta Ultra Optically Clear assay plates are not only more robust than quartz-based assay plates, but also offer excellent chemical resistance to a wide range of solvents including DMSO, ketones and alcohols which are known to degrade standard polystyrene plates.

To safeguard their optical surface from scratches

and ensure consistently crystal-clear results, each plate comes with a protective film. Additionally, these assay plates are guaranteed to be free from DNase, RNase, and human genomic DNA.



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Each Ultra Optically Clear assay plate

features an alphanumeric grid enabling easy well and sample identification. If required these plates can be supplied with a low-profile lid to help preserve sample integrity or barcoded to help streamline automation.

For further information

please visit <https://www.azenta.com/products/framestar-96-well-skirted-pcr-plate>. To request a free sample plate please visit <https://www.azenta.com/azenta-life-sciences-microplate-seal-sample-request>



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Azenta

is a market leader in the design and manufacture of consumables and bench top instrumentation for a wide range of life science and medical applications, including research into combatting cancer and infectious diseases, drug development, molecular diagnostics, and forensics. Our leading capabilities across genomics, cryogenic storage, automation, and informatics is dedicated to sample exploration and management. We help our customers bring impactful breakthroughs and therapies to market with greater speed and precision.

Company

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