

UV-TRANSPARENT

FREE OF
detectable
DNase

FREE OF
detectable
human DNA

FREE OF
detectable
RNase

 non-
cytotoxic

 non-
pyrogenic

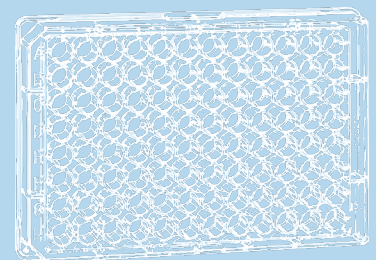
UV-STAR® MICROPLATES For UV/VIS Spectroscopy

UV/VIS spectroscopy is usually conducted in quartz glass cuvettes. However, cuvettes do not provide sufficient throughput when dealing with large amounts of samples, and microplates can be used to speed up work. Standard polystyrene microplates are only partially suitable for transmission measurements in the UV. Polystyrene absorbs UV especially in the short-wavelength range (< 320 nm).

µClear® microplates with a thin polystyrene film base already have much lower background values and can be used up to 340 nm without any problem. The adaptation of the patented µClear® process technology to a new, innovative UV-transparent material has made it possible to produce microplates that extend the transmission range up to 230 nm. For the determination of nucleic acid and protein concentrations at 260 nm or 280 nm without background interference UV-Star® microplates are the ideal alternative to expensive and fragile quartz glass plates or cuvettes. UV-Star® plates are also DMSO-resistant and can be stored at -20 °C without any problem.

KEY FACTS

- / 96 well, 384 well and Half Area format
- / With cycloolefin film bottom
- / Optical window down to 230 nm ideal for nucleic acid determinations at 260 nm/ 280 nm
- / For measurements of protein concentration at 280 nm



PRODUCT OVERVIEW

FOR FURTHER INFORMATION AND/OR SAMPLE ORDERING
PLEASE VISIT OUR WEBSITE OR CONTACT US.

UV-Star® Microplates

Bottom: Cycloolefin film, Raw material: COC, Surface treatment: untreated, Lid: no

Item no.	Well format	Well profile	Product colour	Plate geometry	Plate design	Working volume (well)	Qty. inner / outer
655801	96	F-bottom / Chimney Well	○ clear			25 µl - 340 µl	10 / 40
675801	96	F-bottom	○ clear		half area	15 µl - 175 µl	10 / 40
781801	384	F-bottom	○ clear			15 µl - 110 µl	10 / 40
788876	384	F-bottom	● black	LoBase	Small Volume	4 µl - 25 µl	10 / 80