

The new 1536 Well SCREENSTAR Microplate

1536 Well Cycloolefin Microplate for High-Content and High-Throughput Screening

Greiner Bio-One and GNF Systems have co-developed a new 1536 well microplate perfectly suited for microscopic applications, High-Content Screening (HCS) and High-Throughput Screening (HTS).

Manufactured entirely of cycloolefin, the microplate features a black pigmented frame with a 190 µm ultraclear film bottom for ideal compatibility with instrument optics. Well bottoms display excellent optical properties for the highest optical transparency with reduced autofluorescence in the lower UV range, low birefringence and a refractive index of 1.53 comparable to glass. Recessed microplate wells enable complete periphery access for high magnification objectives.

Cell culture treatment and sterility (SAL10⁻³) assures exceptional performance for High-Content Screening, especially with fluorescence microscopy in the lower UV.

A smooth microplate top absent of alphanumeric coding facilitates flush lid mounting for use within the GNF ultra high throughput screening system.

Microplates are shrink-wrapped in recyclable PET bags with a stack bottom tray enclosure for optimal protection of the film bottom.



Features

Length	127.76 mm
Width	85.48 mm
Height	8 mm
■ Black frame with a clear film bottom	
■ 190 µm film suited for microscopy	
■ Total well volume of 17.8 µl	
■ Low autofluorescence in the UV	
■ Cell culture treated for HCS	

Ordering Information

Cat.-No.	Description	Qty./bag	Qty./case
789 866	1536 well SCREENSTAR Microplate, cycloolefin, black, 190 µm µClear [®] film bottom, cell culture treated, sterile, without lid	17	68

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