# 1536 Well SCREENSTAR Microplate

## Cycloolefin Microplate for High-Content and High-Throughput Screening

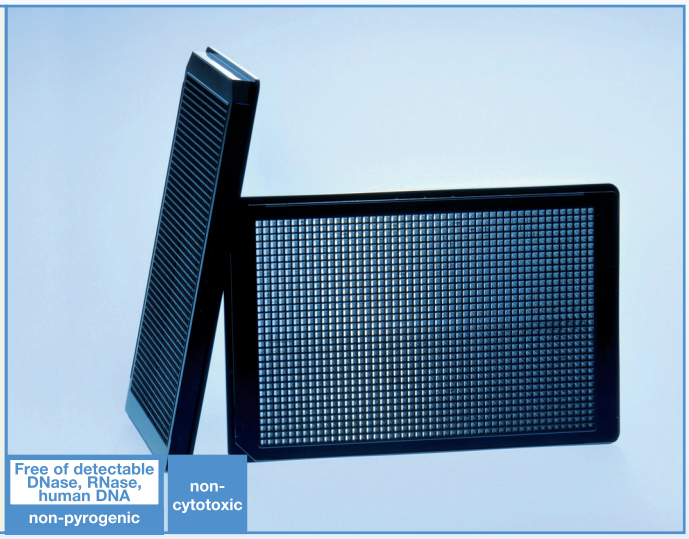
Greiner Bio-One developed a new 1536 well microplate perfectly suited for microscopic applications, High-Content Screening (HCS) and High-Throughput Screening (HTS).

Manufactured entirely of cycloolefin, the microplate features a black pigmented frame with a 190 µm ultra-clear film bottom for ideal compatibility with instrument optics. Well bottoms display excellent optical properties for the highest 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 assure 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.

### Key Facts

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




### Ordering Information

| Cat. No. | Product Description | Quantity per Bag | Quantity per Case |
|---|---|---|---|
| 789 866 | 1536 well SCREENSTAR microplate, cycloolefin, black, 190 µm µClear® film bottom, cell culture treated, sterile, without lid | 17 | 68 |

Cat.-No. 789 896, 1536 well SCREENSTAR microplate non-sterile version, available on request.

Revision: June 2013 - F071 106

**Germany (Main office):** Greiner Bio-One GmbH, info@de.gbo.com I **Austria:** Greiner Bio-One GmbH, office@at.gbo.com
**Belgium:** Greiner Bio-One BVBA/SPRL, info@be.gbo.com I **Brazil:** Greiner Bio-One Brasil, office@br.gbo.com I **China:** Greiner Bio-One Suns Co. Ltd., office@cn.gbo.com
**France:** Greiner Bio-One SAS, infos@fr.gbo.com I **Japan:** Greiner Bio-One Co. Ltd., info@jp.gbo.com I **Netherlands:** Greiner Bio-One B.V., info@nl.gbo.com
**UK:** Greiner Bio-One Ltd., info@uk.gbo.com I **USA:** Greiner Bio-One North America Inc., info@us.gbo.com

www.gbo.com/bioscience