

# Non-Binding Microplates

## Microplates with ultra-low binding surface

Greiner Bio-One offers a surface chemistry with ultra-low non-specific binding properties.

The surface is characterised by low protein, DNA and peptide binding properties to significantly improve data quality especially in biochemical assays.

Non-binding surfaces from Greiner Bio-One are achieved through stable chemical modification to covalently link functional groups with the base polystyrene polymer. Under aqueous assay conditions a hydrate layer forms, preventing dissolved biomolecules from binding to the microplate surface. As the non-binding surface is stable under common assay conditions, there is no potential for degradation or leaching and resultant assay interference.

Non-binding microplates are featured in 96, 384 and 1536 well formats in black, white or clear, including solid and  $\mu$ Clear® film well bottoms.

### Key Facts

- Reduced non-specific biomolecule binding (proteins, DNA, RNA) for biochemical assays
- Made of white, black or clear chemically modified polystyrene with solid bottom
- Available in black or white with  $\mu$ Clear® film bottom
- Available in 96, 384 and 1536 well format
- Standardised plate geometry (conform to ANSI 1-2004; Length x Width x Height): 127.76 x 85.48 x 14.4 mm



Ordering Information on the back!

Ordering Information			
Cat. No.	Product Description	Quantity per Bag	Quantity per Case
650 901	96 well, PS, U-bottom, non-binding, clear	10	40
651 901	96 well, PS, V-bottom, non-binding, clear	10	40
655 900	96 well, PS, solid bottom, chimney well, black, non-binding	10	40
655 901	96 well, PS, solid bottom, chimney well, transparent, non-binding	10	40
655 903	96 well, PS, solid bottom, chimney well, $\mu$ Clear <sup>®</sup> , white, non-binding	10	40
655 904	96 well, PS, solid bottom, chimney well, white, non-binding	10	40
655 906	96 well, PS, solid bottom, chimney well, $\mu$ Clear <sup>®</sup> , black, non-binding	10	40
781 900	384 well, PS, solid bottom, black, non-binding	10	40
781 901	384 well, PS, solid bottom, clear, non-binding	10	40
781 903	384 well, PS, $\mu$ Clear <sup>®</sup> , white, non-binding	10	40
781 904	384 well, PS, solid bottom, white, non-binding	10	40
781 906	384 well, PS, $\mu$ Clear <sup>®</sup> , black, non-binding	10	40
784 900	384 well, PS, solid bottom, Small Volume <sup>™</sup> , HiBase, black, non-binding	10	40
784 904	384 well, PS, solid bottom, Small Volume <sup>™</sup> , HiBase, white, non-binding	10	40
782 900	1536 well, PS, solid bottom, HiBase, black, non-binding	15	60
782 904	1536 well, PS, solid bottom, HiBase, white, non-binding	15	60