

96 Well ELISA Microplates

Greiner Bio-One has been manufacturing microplates for diagnostics and immunological research for over 30 years. A wide variety of microplates with different surface treatments is available. The spectrum ranges from clear bottom microplates and completely black or white microplates to UV-Star® products. The microplate footprint is compatible with automated systems.

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Further information on immunological 96 well microplates (FLUOTRAC™ and LUMITRAC™ microplates) and higher format immunological microplates (384 and 1536 well microplates) → chapter 2 p. 2 | 4, 2 | 12 ff., 2 | 19 ff.

Well Profile

The well profile is a key feature in a 96 well microplate. Five different well profiles are available:

1. U-Bottom (Fig. 1)

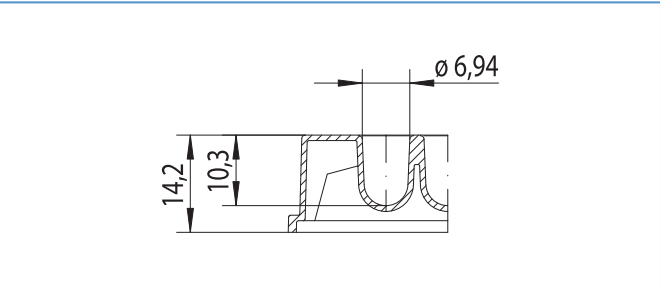


Figure 1:
Well profile: U-bottom
Total volume: 323 µl
Working volume: 40 - 280 µl

2. V-Bottom (Fig. 2)

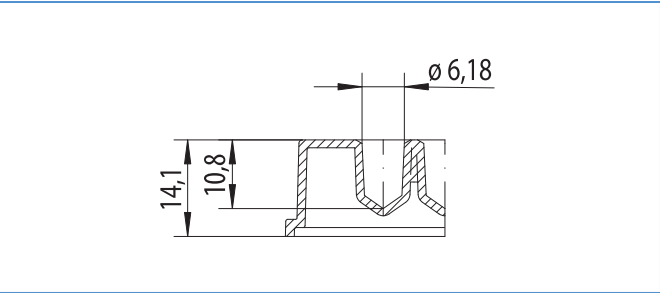


Figure 2:
Well profile: V-bottom
Total volume: 234 µl
Working volume: 40 - 200 µl

3. F-Bottom / Standard (ST) (Fig. 3)

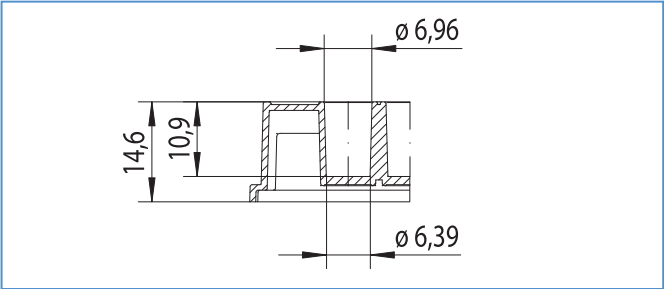


Figure 3:
Well profile: F-bottom / ST
Total volume: 382 µl
Working volume: 25 - 340 µl

4. F-Bottom / Chimney Well (Fig. 4)

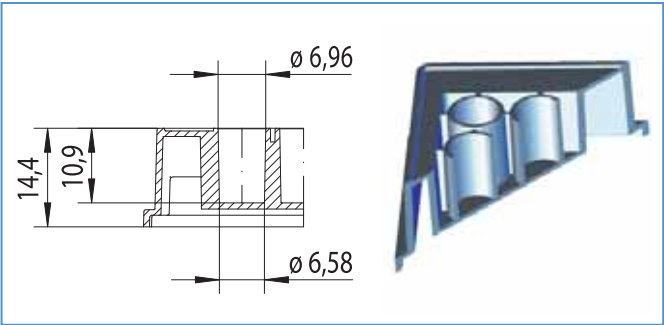


Figure 4:
Well profile: F-bottom / chimney well
Total volume: 392 µl
Working volume: 25 - 340 µl

5. Half Area (Fig. 5)

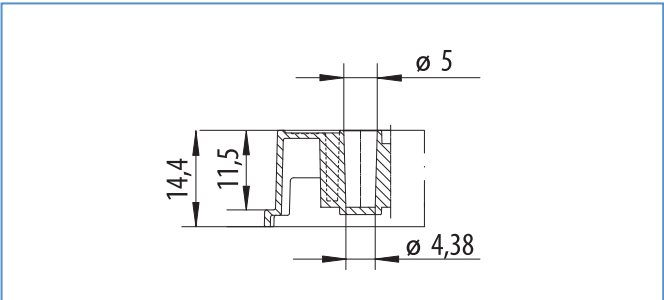
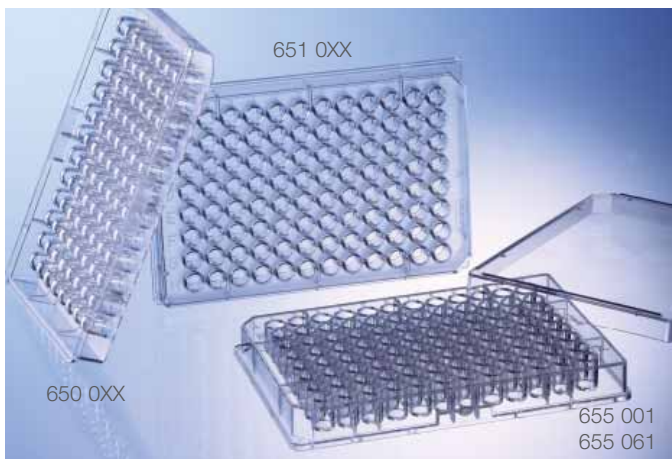


Figure 5:
Well profile: Half area
Total volume: 199 µl
Working volume: 15 - 175 µl

Further information on well profiles → p. 2 | 6.

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Detailed information about wetted surface and surface/volume ratios
 → Technical Appendix p. A | 21 f.

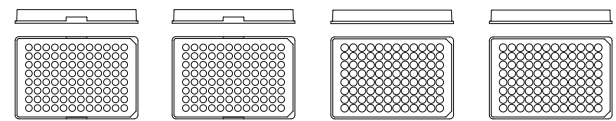


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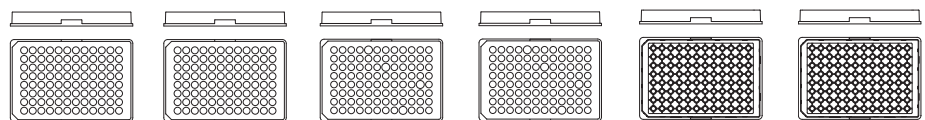
U-Bottom / V-Bottom / F-Bottom Half Area

- Manufactured from crystal clear polystyrene

Free of detectable
DNase, RNase,
human DNA
non-pyrogenic



Cat.-No.	650 001	650 061	651 001	651 061
Well format	96 well	96 well	96 well	96 well
Well profile	U-bottom	U-bottom	V-bottom	V-bottom
Binding	MICROLON® 200 med. binding	MICROLON® 600 high binding	MICROLON® 200 med. binding	MICROLON® 600 high binding
Colour	clear	clear	clear	clear
Lid	-	-	-	-
Quantity per bag/case	5/40	5/40	5/40	5/40



Cat.-No.	655 001	655 061	655 080	655 081	675 001	675 061
Well format	96 well	96 well	96 well	96 well	96 well	96 well
Well profile	F-bottom / ST	F-bottom / ST	F-bottom / chimney well	F-bottom / chimney well	half area	half area
Binding	MICROLON® 200 med. binding	MICROLON® 600 high binding	MICROLON® 200 med. binding	MICROLON® 600 high binding	MICROLON® 200 med. binding	MICROLON® 600 high binding
Colour	clear	clear	clear	clear	clear	clear
Lid	-	-	-	-	-	-
Quantity per bag/case	5/40	5/40	5/40	5/40	10/40	10/40