

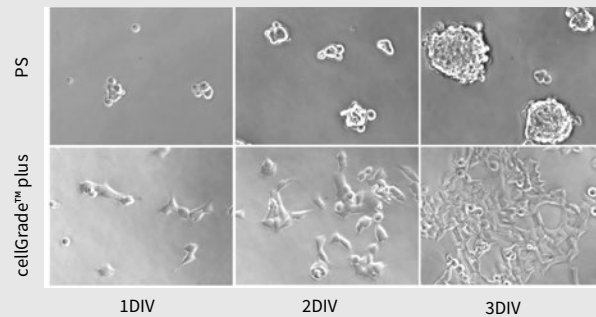
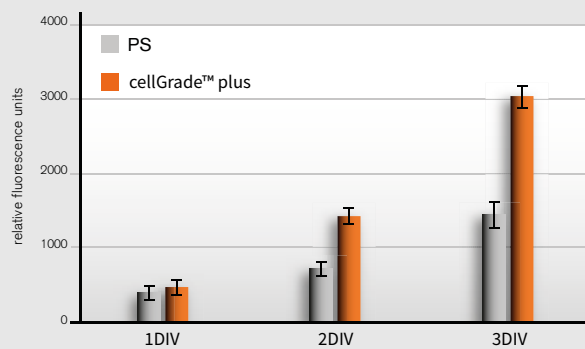
## Technical Note

### Proliferation of HEK293 cells on BRANDplates® cellGrade™ plus surface

Author: BRAND GMBH + CO KG

#### Culture conditions

For each experiment HEK293 cells were seeded at a density of 6000 cells/cm<sup>2</sup> in wells of transparent 96-well F-bottom BRANDplates® (#782022) and cultivated in DMEM medium containing 7% FCS at 37 °C, 95% relative humidity and 5% CO<sub>2</sub>.



Comparative phase contrast images of HEK293 cells cultivated in untreated (PS) and cellGrade™ plus treated micro-plates. DIV days in vitro, (200x zoom)

#### Conclusion

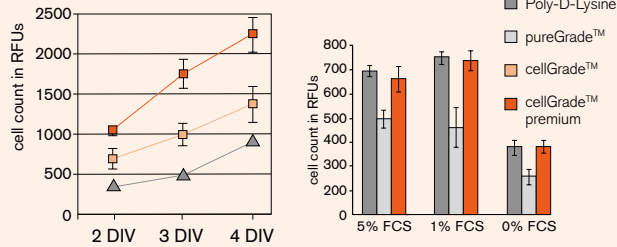
BRANDplates® with cellGrade™ plus surface perfectly support attachment and proliferation of HEK293 cells.



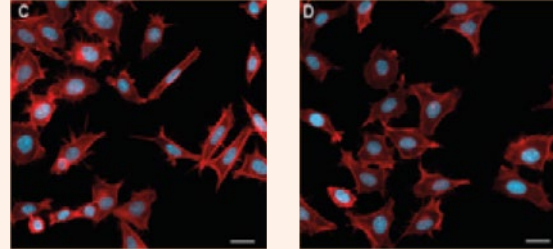
# Technical information & Ordering data

## cellGrade™ premium microplates

comparison of proliferation (HeLa cells)



Actin cytoskeleton (red) with cell nucleus (blue)

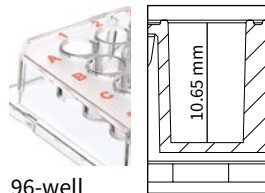


cellGrade™ premium

Poly-D-Lysine

## 96-well

Standard microplates

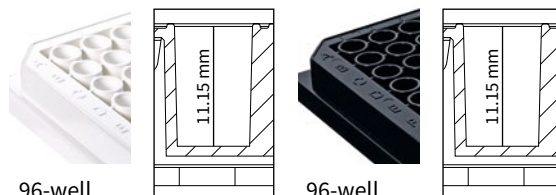


96-well

<b>Bottom</b>	<b>F-bottom</b>
Color	transparent
Well volume [μl]	350
Working volume [μl]	50-320
Bottom thickness [μm]	850
Cultivation area [mm <sup>2</sup> ]	32
	<b>sterile</b>
Lid	50 pieces
Pack of	50 pieces (individually wrapped)
<b>Cat. No.</b>	<b>782082</b>

## 96-well

with transparent bottom



96-well

96-well

<b>Bottom</b>	<b>F-bottom</b>	<b>F-bottom</b>		
Color	white	black		
Well volume [μl]	330	330		
Working volume [μl]	50-310	50-310		
Bottom thickness [μm]	750	750		
Cultivation area [mm <sup>2</sup> ]	31	31		
	<b>sterile</b>	<b>sterile</b>		
Lid	50 pieces	1 piece	50 pieces	1 piece
Pack of	50 pieces (individually wrapped)	5 pieces (1 bag of 5 pieces)	50 pieces (individually wrapped)	5 pieces (1 bag of 5 pieces)
<b>Cat. No.</b>	<b>782090</b>	<b>782094</b>	<b>782091</b>	<b>782095</b>

