

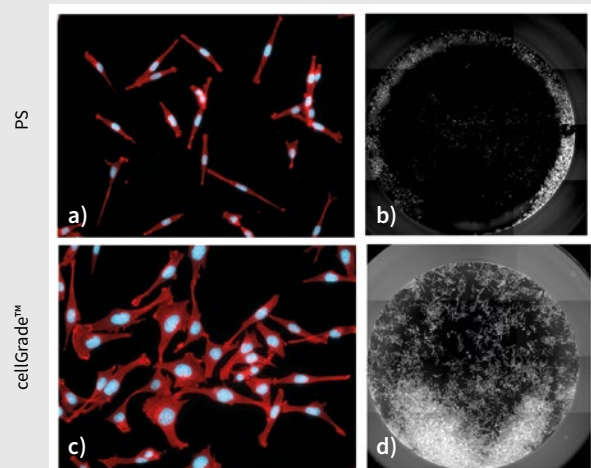
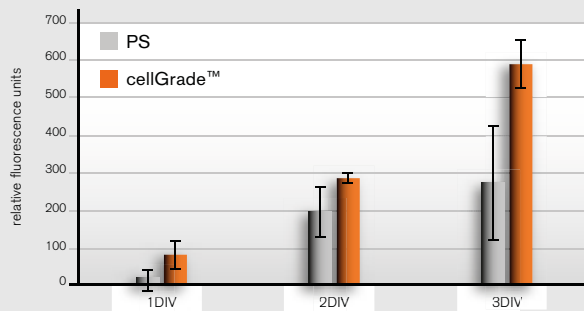
Technical Note

Proliferation of CHO cells on BRANDplates® cellGrade™ surface

Author: BRAND GMBH + CO KG

Culture conditions

For each experiment CHO cells were seeded at a density of 6000 cells/cm² in wells of transparent 96-well F-bottom BRANDplates® (#781962) and cultivated in DMEM medium containing 7% FCS at 37 °C, 95% relative humidity and 5% CO₂.



a), c) Phalloidin-TRITC marked F-Aktin (red), nucleus (blue)

CHO cells cultivated on BRANDplates® cellGrade™ show higher fluorescence signals indicating higher cell numbers when compared to non-treated microplates (PS).

b), d) The whole-well scans show significantly improved cell adhesion on the cellGrade™ surface after completing crystal violet staining.

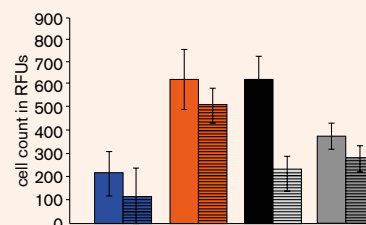
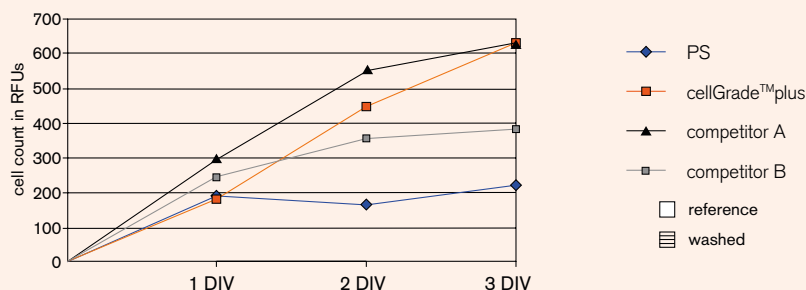
Conclusion

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

Technical information & Ordering data

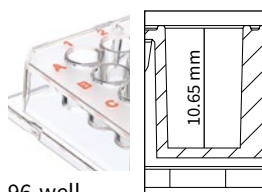
cellGrade™ plus microplates

Comparison of proliferation and adhesion after washing (HepG2 cells)



96-well

Standard microplates



96-well

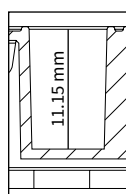
Bottom	F-bottom
Color	transparent
Well volume [μl]	350
Working volume [μl]	50-320
Bottom thickness [μm]	850
Cultivation area [mm²]	32
sterile	
Lid	50 pieces
Pack of	50 pieces (individually wrapped)
Cat. No.	782022

96-well

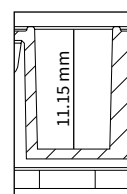
with transparent bottom



96-well



96-well



Bottom	F-bottom		F-bottom	
Color	white		black	
Well volume [μl]	330		330	
Working volume [μl]	50-310		50-310	
Bottom thickness [μm]	750		750	
Cultivation area [mm²]	31		31	
	sterile		sterile	
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)
Cat. No.	782030	782034	782031	782035



02.51.12.70.01

Batailler-labo.fr



Contact@batailler-labo.fr