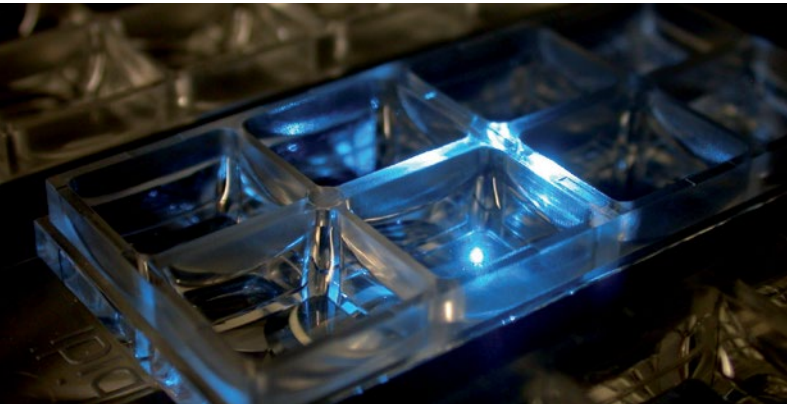


cells in focus **ibidi**®



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See how the ibidi Polymer Coverslip compares with glass:

Property	ibidi Polymer Coverslip	Glass
<b>Refractive index (<math>n_D</math> 589 nm)</b>	1.52	1.52
<b>Abbe number</b>	56	55
<b>Thickness</b>	#1.5 (180 $\mu$ m)	#1.5H (170 $\mu$ m)
<b>Material</b>	Microscopy plastic	D 263M Schott borosilicate glass
<b>Autofluorescence</b>	Low	Low
<b>Transmission</b>	Very High (even ultraviolet)	High (ultraviolet restrictions)
<b>Birefringence (DIC)</b>	Low (DIC compatible*)	Low (DIC compatible*)
<b>Surface modifications</b>	ibiTreat – tissue culture treated Uncoated – hydrophobic	Only glass
<b>Protein coatings</b>	Compatible	Compatible
<b>Gas permeable</b>	Yes	No
<b>Material flexibility</b>	High	Low
<b>Breakable</b>	No	Yes
<b>Applications</b>	Fluorescence microscopy	TIRF and single photon

\* DIC Lids are available separately