

	CT-1300 Slide	CT-2300 Slide	CT-2301 Slide	CT-2600 Slide
Slide Size	1" x 3" x 1.1 mm	1" x 3" x 1.3 mm	1" x 3" x 1.3 mm	1" x 3" x 4 mm
Material	Borosilicate Glass	Borosilicate Glass / Silicon	Borosilicate Glass / Silicon	Polycarbonate
Cell Lifetimes	2 – 6 Hours*	> 48 Hours'	> 48 Hours'	> 5 Days'
Well Diameter	300 µm	300 µm	300 µm	1500 µm
Well Depth	20 µm	220 µm	220 µm	3000 µm
Number of Regions	8	14	14	6
Number of Wells per Region	80	80	8	1
Total Number of Wells	640	1120	112	6
Single Well Volume	1793 pl	18 nl	18 nl	16.9 µl
Regional Well Volume	143 nl	1439 nl	144 nl	16.9 µl
Regional Channel Volume	630 nl	2.9 µl	1.6 µl	7.1 µl
Total Regional Volume	733 nl	4.3 µl	1.6 µl	24 µl
Total cellTRAY Volume	6.18 µl	60.3 µl	31.6 µl	144 µl

* In a controlled environment using the isolation chambers to contain feeding media and protect the cells from evaporation.

' Using cellTRAY Fluidics System Model CT-2000F

