

Celigo[®] Liquid Volume & Cell Density Recommendations



Plate Type	Recommended Final Volume (µl)	Cell Density Range
1536 Well	8	1 - 1,536
384 Well - Low Volume	20	1 - 2,000
384 Well - High Volume	50	1 - 4,000
96 Well	175	1 - 20,000
48 Well	250	20 - 50,000
24 Well	400	50 - 100,000
12 Well	1000	50 - 200,000
6 Well	2000	50 - 1,000,000

Special note:

- The meniscus with a well can create a lens like effect in bright-field images, causing ghosts and shadows of cells near the edge. Follow recommended plating volumes to avoid meniscus effect.
- Starting cell densities for initial plating will ensure cells have enough spacing and not overlap.



For more information, visit www.nexcelom.com

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