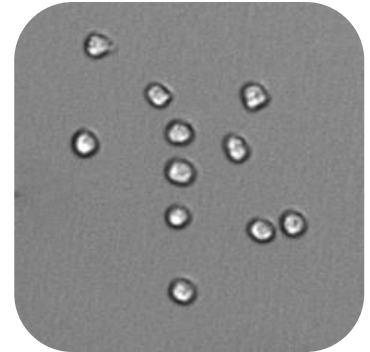


## Suspension Cell Count

### General Purpose

This application gives you a quick overview of the cell density in your sample. It is useful for preparation of a limited dilution for e.g. single cell cloning. It can be used as an endpoint determination to e.g. split cells or as a time charted growth monitoring for e.g. media optimization. No staining is required.



Short Note  
SN-B001-XV-02

### Result Table

• <b>Living Cells</b>	<i>Number of living cells</i>
• <b>TC-BF</b>	<i>Total Count (Number of cells listed per well)</i>
• <b>Viability</b>	<i>Percentage of viable cells in your sample</i>
• <b>CD</b>	<i>Cell Density [#/ml]</i>
• <b>Avg Cell Size</b>	<i>Average of the Cell Size [<math>\mu\text{m}^2</math>]</i>
• <b>Final Dilution</b>	<i>Dilution factor</i>
• <b>Volume per Well</b>	<i>Sample Volume per well</i>
• <b>Sum of Cell Sizes</b>	<i>(intermediate result)</i>
• <b>Process Duration</b>	<i>Duration of image analysis [ms]</i>
• <b>Processed Area</b>	<i>Fraction in percentage of the measured area on the total area of the well</i>

### Example

This example shows a typical result image of a suspension cell count analysis.

