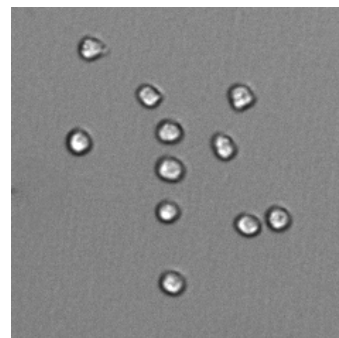# SYNENTEC

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.

RESULT TABLE

Living Cells	Number of living cells
TC-BF	Number of detected cells in the brightfield channel per well
CD	Cell Density [#/ml]
Viablilty	Percentage of viable cells per well
Avg Cell Size	Average size of all detected cells in µm² per well
Dilution	Dilution factor used to prepare the sample, entered in the "Prepare" tab
Volume	Used volume per well in µL, entered in the "Prepare" tab
Sample Volume	Calculated "undiluted" volume of the sample in µL per well

EXAMPLE

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