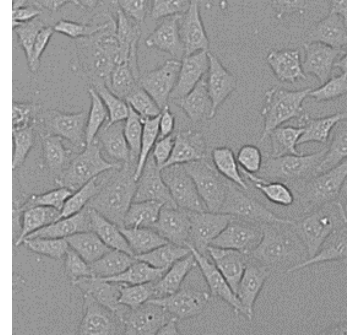


# Cell Confluence

## GENERAL PURPOSE

The Confluence image analysis tool is used to monitor the area covered by cells using one brightfield channel only. 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. Our systems offer the possibility to measure the entire well or run the assay in a statistic way by selecting just a fraction of the total well area.



## RESULT TABLE

Cell Confluence	Percentage of Cell Area on Evaluated Area
Cell Area	Area covered with cells in mm <sup>2</sup>
Cell Area Count	Number of separate cell clusters

## EXAMPLE

This example displays a gene-knockout cell line treated with a drug to enable selection pressure. It is used to figure out the best way of transfection and to generate a stabile cell line.

