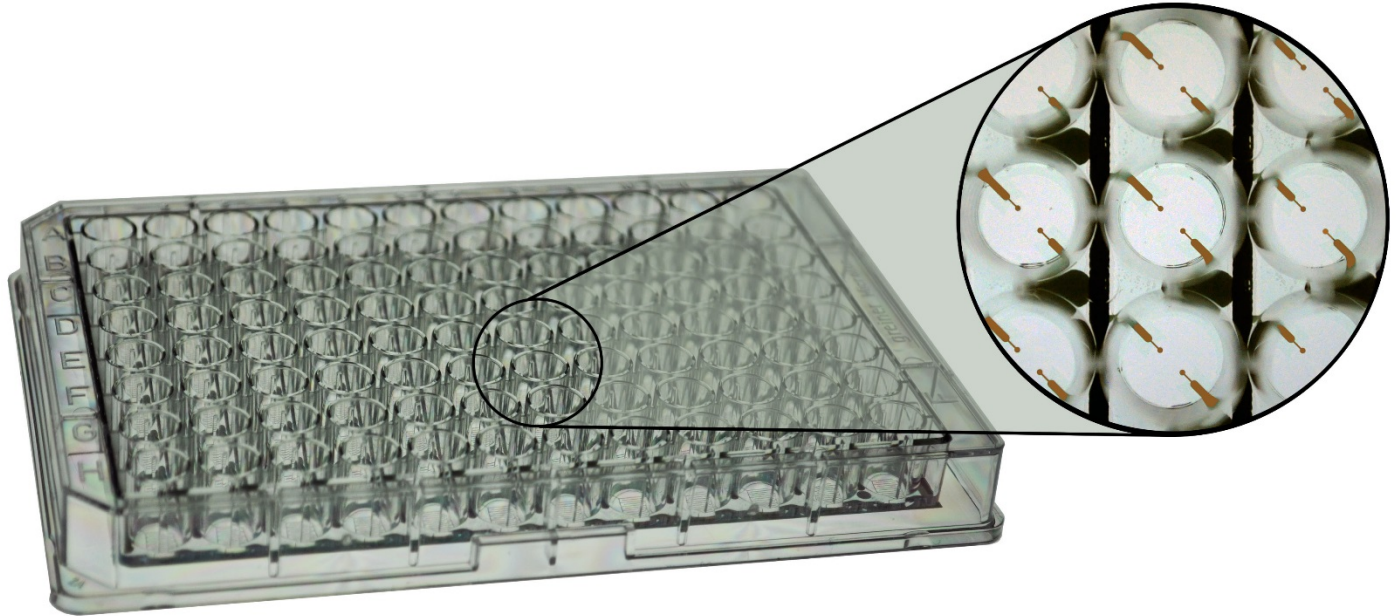


96 Well Arrays

96W1E+ PET



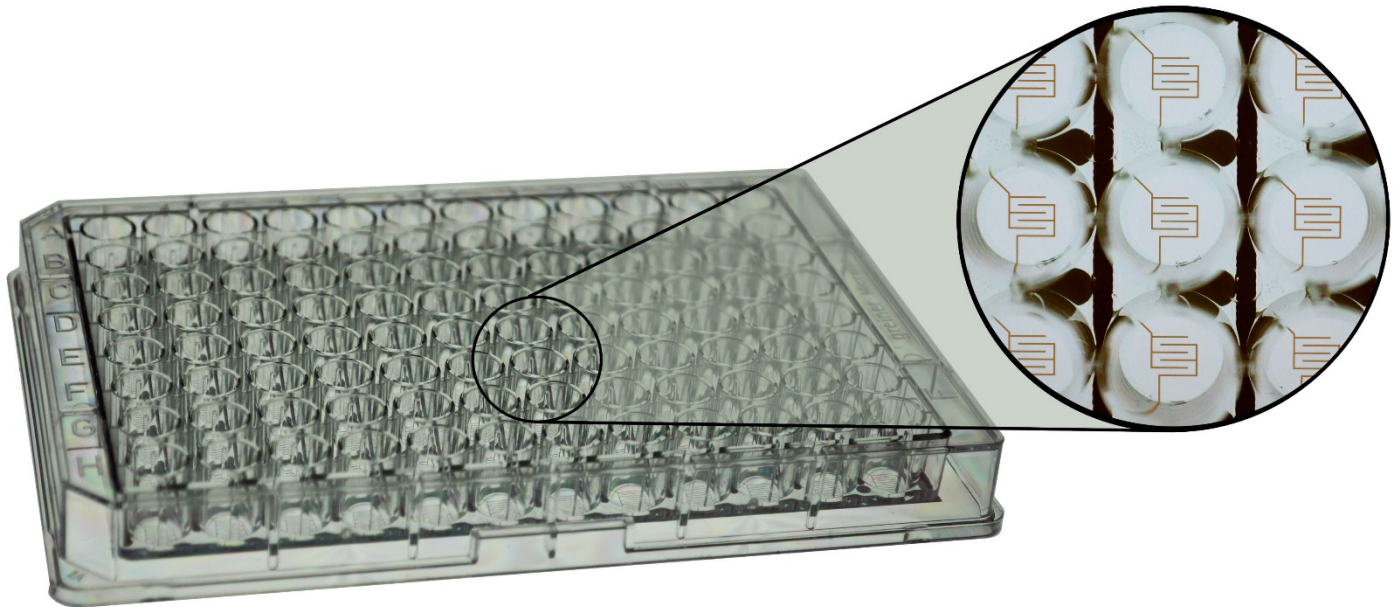
Each of the 96 wells in a standard plate configuration contains two circular 350 μm diameter active electrodes on a transparent PET substrate (measuring from 100-200 cells). As with other 1E arrays, a major use of this array is for the ECIS wound-healing assays where the small electrodes assures the high current pulse will result in complete cell killing.

Only a small population of cells is monitored on the small electrodes resulting in a fluctuating impedance signal due to the random like movement of the cells (micromotion).

Applications include:

- *Cell Migration*
- *Measurement of micromotion*
- *Cell-ECM protein interactions*
- *Signal transduction assays*
- *Detection of invasion of endothelial cell layers by metastatic cells*
- *Barrier function*
- *In situ Cell Electroporation and Monitoring*

96W10idf PET

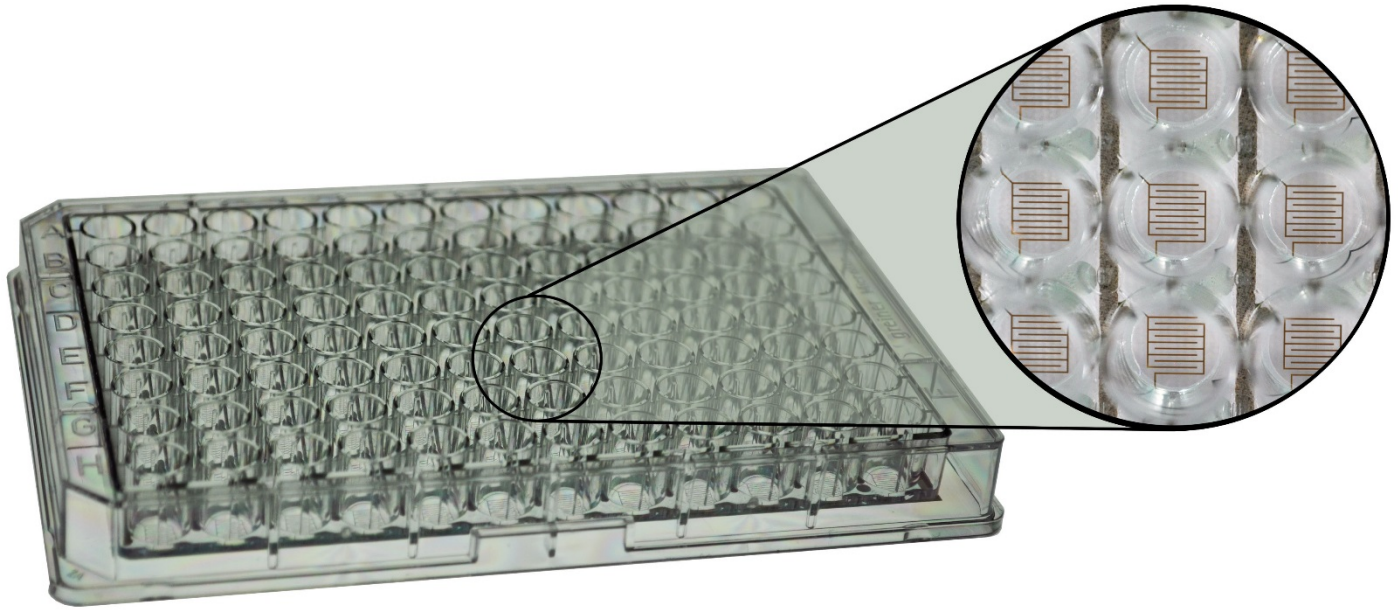


Each of the 96 wells has an Inter-digitated finger configuration. The total electrode area is 2.09mm^2 which measures a maximum of 2000-4000 cells.

Applications include:

- *Cell-ECM protein interactions*
- *Signal transduction assays*
- *Detection of invasion of endothelial cell layers by metastatic cells*
- *Barrier function*
- *Cell proliferation*

96W20idf PET



Each of the 96 wells has an Inter-digitated finger configuration. The total electrode area is 3.985mm² which measures a maximum of 4000-8000 cells.

Applications include:

- *Cell-ECM protein interactions*
- *Signal transduction assays*
- *Detection of invasion of endothelial cell layers by metastatic cells*
- *Barrier function*
- *Cell proliferation*