CELL CULTIVATION

heidolph
research made easy

Sphericalplate 5D

3D SPHEROID CULTIVATION

Cell Development as Expected

No unwanted cell growth outside the microcavities

No cells adhere thanks to sharp edges at the top of the microwells

Unique Design and Geometry

Coating with low protein adhesion property provides perfect cell aggregation without cell surface signaling

Rounded bottoms of microwells allow for scaffold-free, uniform clustering without surface-induced, non-physiological differentiation

COC material (cycloolefin copolymers) provides the least possible background noise with real time imaging

Broad Application Range

Implementation of monolayer comparative studies

Successfully cultivate stem cells, islet cells, and cancer cells

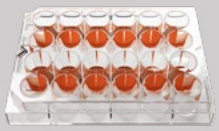
For more information visit our website

RECOMMENDATIONS

Flexible 3D Cell Cultivation: 96-Well

12 strips with 8 wells

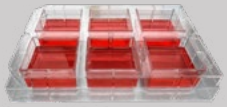
25 spheroids per well – 2,400 per plate



Start Up 3D Cell Cultivation: 24-Well

12 wells with patented microstructure

750 spheroids per well – 9,000 per plate



Scale Up 3D Cell Cultivation: 6-Well

6 wells with patented microstructure

3,364 spheroids per well – 20,184 per plate