

Intelligent

Cell cultivation

clustering
made
easy

Sphericalplate 5D®: Ready and easy to use 3D-cell culture platform for forming uniform, **standardized spheroids with high quality and yield**

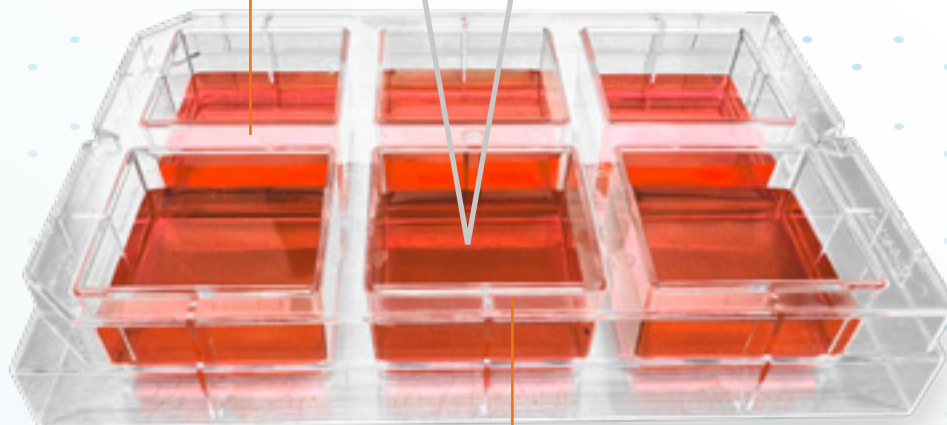
No unwanted cell growth outside the microcavities – no cells adhere thanks to sharp edges at the top of the microwells

No hypoxic damage since size of the aggregates controlled by the geometry of the microwells

Perfect cell aggregation without cell surface signaling thanks to coating with low protein adhesion property

Scaffold-free, uniform clustering without surface-induced, non-physiological differentiation due to the rounded bottoms of the microwells

The special angle of the microwells enables the **lowering of a consistent number of cells**



6 wells with patented microstructure

Cultivation of 3,364 uniform, standardized spheroids per well – **20,184 per plate**

Real time imaging with the least possible background noise by using the material **COC** (Cycloolefin-Copolymer)

6 standard wells

Implementation of **monolayer comparative studies**

www.heidolph.com | www.sp5d.com

For use in research purposes only – not for use in the medical area or pharmaceutical production!

California Residents: Important information for California residents regarding Prop 65. Please visit www.P65Warnings.ca.gov for more information.



KUGELMEIERS®
► ENABLING UNLIMITED CELL THERAPIES

