

How the Solentim Ecosystem fits in a Cell Line Development Workflow

SINGLE CELL ISOLATION

High-efficiency Single-cell Seeding

Very low-pressure seeding with highefficiency plating leads to confidence in clonally-driven outgrowth.

IN-WELL ASSURANCE

In-well Imaging

Cell imaging of the droplet in the dry well gives evidence of successful singlecell isolation.

OUTGROWTH IMAGING

Day 0 Single Cell Assurance

Whole-well, highcontrast imaging of the media-filled well to confirm the presence of a single cell at Day 0.

DOUBLE LOCK

CLONAL GROWTH

InstiGRO™ Cell Supplement

Higher chance of single-cell recovery and faster, high-efficiency clonal outgrowth for compressed workflows.

EARLY TITER SCREENING

ICON Titer Assay Plates

Normalize titer for confluence — as early as the 384-well plate stage — for the early exclusion of poor performing clones.

SELECT FOR SHAKEABILITY

InstiSHAKE™ Cell

Increased growth rates and viability when expanding from static to fed-batch shaking culture.

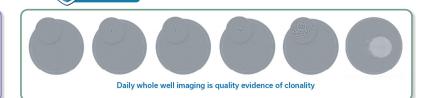
CLONAL RANKING

Converge VCD & titer data to effectively rank top performing clones with Qp.

CQA SCREENING

High throughput glycan profiling to increase the quality of protein biologics in hours, not days.











SEEDING WITH ASSURANCE

VIPS® PRO

High efficiency, single cell seeding with image-based proof of clonality for GMP-compatible workflows



ASSURANCE & GROWTH

Cell Metric® X

Clonal imager with automated assurance and artificial intelligence-driven Automated Evidence of Clonality



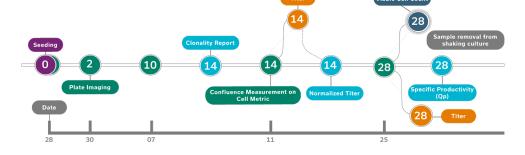
PRODUCTIVITY SELECTION

ICON™ & STUDIUS™

Intelligent decision-making platform with data management

HISTORYTREE™

Tracks each cell's journey through CLD





Cell Growth Supplements

Optimize growth conditions for iPSC, CHO and HEK cells throughout different stages of the cell line development process



