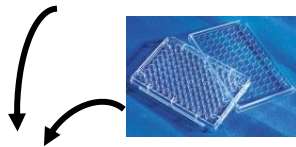


# StemKit Protocol

## Shipped from Essen BioScience

### Room Temperature Shipper (Media/Plate)



### Dry Ice Shipper (Cells/Media Supplements)



## At Customer Site

Upon arrival, store cells in liquid nitrogen, media at 4 °C and media supplements at -20 °C.

### Day -2

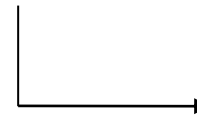
- Thaw ADSC and seed into T-225 flask

### Day -1

- Thaw ECFC Cytolight Green and seed into Collagen coated T-75
- Harvest ADSCs and seed into 96-well plate

### Day 0 (Assay initiation)

- Harvest ECFCs and seed over ADSC monolayer
- Add growth factor  $\pm$  treatment agents
- Image in IncuCyte™ FLR or ZOOM every 2-6 hours for 4-5 days
- Kinetic analysis using integrated IncuCyte™ algorithms
  - ❖ Tube Length, Tube Area, Branch Points



### Day 4

- Terminate experiment or investigate disruption of established networks