

# GrowDex®

## Quickstart Guide

Three easy steps to setup and succeed with your assay

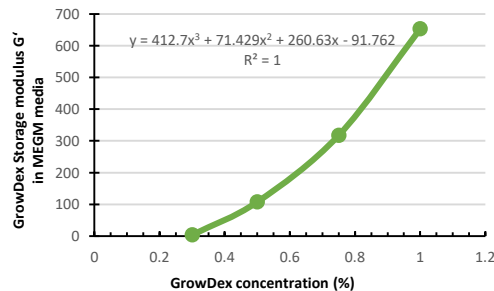
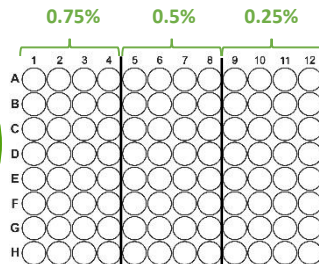
[growdex.support@upm.com](mailto:growdex.support@upm.com)

### TOP TIPS FOR USING GrowDex

1. GrowDex stock is 1.5% not 100%
2. Pump the syringe plunger before removing the screwcap to get GrowDex moving
3. High density plates work best
4. Low attachment tips for pipetting work best at high concentrations

### 1 GROWDEX CONCENTRATION AND VISCOCITY

Matrix stiffness affects the cell growth  
Test different concentrations to find the optimal condition  
See viscosity curve example below

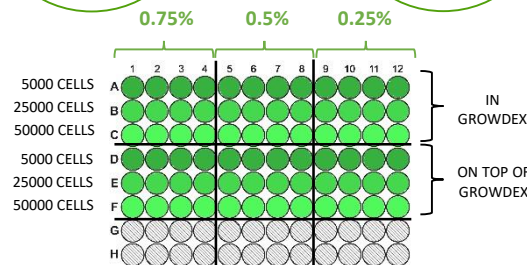


Practical tips for handling and diluting GrowDex are in the instruction leaflet

### 2 CELL NUMBER AND ASSAY SET-UP

Cell-cell interactions are important in 3D culture, test different cell seeding densities

We recommend using a 96-well plate to get started

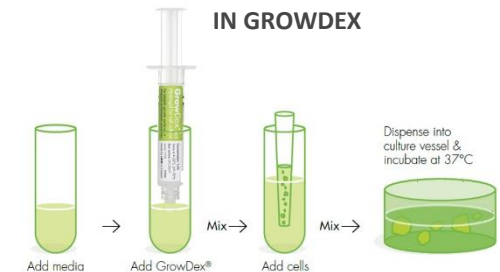


Remember to perform **both** assay set-ups in step 3! Your cells may have a preferred option

Check GrowDex instruction video at [growdex.com/instructions](http://growdex.com/instructions)

### 3 ASSAY SET-UP

#### IN GROWDEX



#### ON TOP OF GROWDEX



Problem? Please contact [growdex.support@upm.com](mailto:growdex.support@upm.com) for further assistance