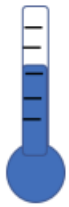
PeptiGel® Protocol:

General Guidance for Handling and Use of PeptiGels®

Storage:

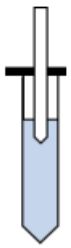


PeptiGels® are supplied in plastic vials that should be stored in a standard laboratory fridge at 4°C. It is recommended that once the vials are opened in a sterile environment (e.g. a class II flow cabinet) they should be used within 12 months

Air Bubbles:

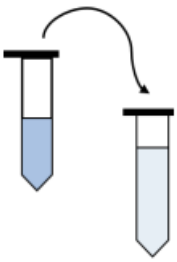
Prior to starting work with PeptiGels®, any visible air bubbles can be removed by one or more rounds of centrifugation (1,600 x *g* for 1 minute at room temperature). When mixing cells into PeptiGels® for 3-dimensional (3D) cell culture, the formation of air bubbles should be minimised. This can be achieved by releasing cells slowly into the hydrogel, while gradually bringing the pipette upwards, in a stirring motion. In addition, ensure the pipette tip never leaves the hydrogel while mixing.

Pipetting:



It is recommended to use a positive displacement pipette (such as the Gilson piston pipette) to facilitate accurate PeptiGel® handling and for mixing the cells into PeptiGel® for 3D cell culture.

Diluting PeptiGels®:



PeptiGels® can be diluted with HPLC-grade water. For a detailed method, refer to the "How to Dilute PeptiGels®" protocol.

Using PeptiGels:

Depending on the experimental requirements PeptiGels® can be utilised for 2-dimensional (2D) or 3-dimensional (3D) cell culture. For detailed methods, refer to the "2D Cell Culture" or "3D Cell Culture" protocols.

For further support, please contact our technical support team at tech@cellgs.com.

General info@cellgs.com
Technical Enquiries tech@cellgs.com
Orders order@cellgs.com

www.cellgs.com

EUROPE
Cell Guidance Systems Ltd
Maia Building
Babraham Bioscience Campus
Cambridge
CB22 3AT
United Kingdom
T +44 (0) 1223 967316
F +44 (0) 1223 750186

USA
Cell Guidance Systems LLC
Helix Center
1100 Corporate Square Drive
St. Louis
MO 63132
USA
T 760 450 4304
F 314 485 5424