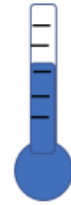


PeptiGel[®] Protocol:

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



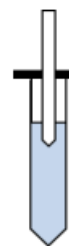
Air Bubbles:

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.



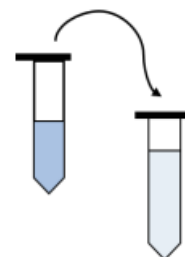
Pipetting:

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.



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