

PANEL OF LIFEGELS FOR 3D CELL CULTURE

LifeGel panel (16 or 24 different variations of hydrogels) is supplied in 48-well plate formats in the presence of phosphate buffered saline solution or in culture. LifeGel recreates the cells natural microenvironment. Cells seeded on the surface of the LifeGel can form three-dimensional (3D) structures, for example spheroids.

A ready-to-use hydrogel for 3D cell culture.

Storage:

Store at 4°C for stability until expiry date.

Contents:

48-well plate with 300 µL of LifeGel per well all in three variants of culture medium: PBS, RPMI, DMEM.

LifeGel Panel protocol:

1. Count and prepare the cells for seeding in fresh culture medium.
2. The LifeGel is fragile. Open the plate and carefully remove the medium from each well.
3. Seed the cells into wells as desired. Add the cells gently so as not to disturb the gel (direct the suspension on the side of the well if possible, not in the middle).
4. The volume of added cell suspension should be sufficient to maintain a covering layer of medium above the gel surface for the required duration of cell culture.
5. Incubate the cells in standard conditions for cell cultures (37°C, 5% CO₂).
6. Change the cell culture medium as required, observing the same care in protecting the LifeGel layer.

Real Research products are intended for research use only, not for diagnostic or therapeutic purposes.

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