

# LIFEGEL FOR SPHEROIDAL GROWTH OF MSC

MSCs seeded on the surface of the LifeGel can form three-dimensional (3D) structures - spheroids. Described product is a ready-to-use hydrogel for 3D cell culture.

## **Storage:**

Store at 4°C for stability until expiry date.

## **Contents:**

LifeGel for spheroidal growth of MSC is supplied in 96-well plate format in the presence of PBS or in culture medium.

## **LifeGel for spheroidal growth of MSC - cell culture protocol**

1. Prepare and count 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% CO<sub>2</sub>).
6. Change the cell culture medium as required, observing the same care in protecting the LifeGel layer.

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

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