

LIFEGEL DIGESTION KIT

The LifeGel Digestion Kit allows the quick and gentle release of single cells grown on LifeGel while preserving the highest-possible yield. The kit (4 x 4 mL) is ready to use and sufficient for digestion of a 48-well or 96-well plate.

Storage:

Store at -20°C for 6-month stability or at -80°C for stability until expiry date. Protect from light. Avoid repeated freezing and thawing.

Contents:

4 vials x 4 mL of digestion solution (containing Collagenase types I and IV, and Hyaluronidase). Product sufficient for digestion of a 48-well plate..

Digestion protocol:

1. Add LifeGel Digestion Kit to LifeGel in a 1:1 volume ratio. (For 48-well 300 µL, for 96-well 150 µl).
2. To aid digestion, pipette well contents up and down a few times.
3. If most or all of the plate is to be digested, incubate it at 37°C on an orbital shaker (e.g. 30-60 rotations per minute) for 60 minutes. If only a few wells are to be digested, transfer well contents to a vial and vortex every 15 minutes for 60 minutes (time depends on cell line and size of spheroids).
4. Centrifuge the cell suspension at 1000 rpm for 7 minutes. Discard the supernatant. Resuspend cells in an appropriate buffer or balanced salt solution.
5. Repeat the centrifugation of the cell suspension and resuspend cells in an appropriate cell culture medium.

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

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