

GLOBAL CELL SOLUTIONS

Harvesting cells on PolyGEM™ in LeviTube™ v1.0

Accutase is formulated for use at ROOM TEMPERATURE. Thawing or holding the solution for hours at 37° C can reduce product performance

- 1) Remove the LeviTube™ from the BioLevigator™ and place on shelf in incubator.
- 2) Allow the PolyGEMs to settle to the bottom of the LeviTube™, this can take up to 15 minutes. Carefully aspirate the media.
- 3) Add 5 ml of PBS. Gently mix by rubbing the LeviTube™ back and forth in your palms as if warming your hands.
- 4) Once again, allow PolyGEMs to settle and carefully aspirate the PBS.
- 5) Add 10-20 mL of Accutase. Place the LeviTube™ back into the BioLevigator™. Allow this to mix for 15-20 minutes or until cells detach. Accutase will not damage cells like trypsin.
- 6) Using a cell strainer (i.e. BD Biosciences 70µm Cell Strainer cat. no. 352350) pipette contents from LeviTube™ through the cell strainer into a 50mL conical tube. The cell strainer will separate the PolyGEMs and allow you to collect your cell suspension.

Additional Tips

- The amount and exposure time to Accutase will vary by cell. In general, expect larger (e.g., fibroblasts, chondrocytes) or clumpier cells to require more Accutase.*
- The size of the cell strainer will vary by cell type used. BD Bioscience offers cell strainers ranging from 40µm to 100µm.*

For technical support and ordering please contact us:

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