



Counting Cells in the LeviTube^{v1.0}

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

- 1) Mix the contents of the LeviTube by gently rolling it back and forth between your palms as if warming your hands. Remove a 500 uL aliquot and place it in a 1.5 mL snap-top tube.
- 2) Use the CubeMagnet to pull down and hold the GEMs in place while aspirating the media.
- 3) Add 1 ml of PBS. Cap tube and invert to wash out media and serum.
- 4) Use the CubeMagnet to pull down and hold the GEMs in place while aspirating the PBS.
- 5) Add 500 uL of Accutase. Cap and invert tube.
- 6) Lay sample on side. Incubate sample at room temperature for 15 minutes. Invert occasionally to promote cell detachment.
- 7) Using the CubeMagnet, draw the now empty GEMs to the side of the tube. The cell suspension in the tube can now be counted using any method such as a hemocytometer or flow cytometer.
- 8) Correct for dilution.

$(\text{LeviTube Volume in mL} / 0.5) * \text{Cells counter per mL} = \text{Total cell number in LeviTube}$