



Hoechst Staining Cells on GEMs

Here is a method for easily visualizing cells on the GEM.

- Cells on GEM
- Hoechst Stain 33342
- PBS
- Fluorescent Microscope

- 1) Put 50 μ L of the cell culture sample (cells on GEM) in one of the wells in the 96-well plate.
- 2) Add Hoechst 33342 solution to the sample in the well to a final concentration of 0.2 to 5 μ g/mL and incubate for 20-30 minutes.
- 3) Incubate the well at room temperature for 15-20 minutes.
- 4) Capture images of the sample under UV light and DAPI filter using the microscope.

Additional Tips

- Hoechst stain is inexpensive and at GCS we often use at least 10X more to give us a faster stain (i.e. under 5 minutes).