

# Filtering Protocols and Ordering

Falcon 5mL Polystyrene Round-Bottom Tube with Cell-Strainer Caps can be purchased in the stockroom, Ref 352235.

## For filtering cells in tubes:

1. Cut the mesh into a rectangle approximately 1.5 cm x 3 cm.
2. Fold the mesh rectangle over the tube
3. Resuspend cells in 200uL and inject through the mesh as quickly as possible. We find that a 200uL pipetman works best, a 1000uL pipetman can also be used but we find that it results in larger volume loss.

Using this protocol we find that 185uL of the original 200uL are retained.

## For filtering cells in plates:

1. For best results (i.e. as little cross-contamination as possible) use every second well of a plate
2. Cut mesh into strips covering one row of a plate each
3. Resuspend cells in 200uL and lay mesh across a row (can use pipette tips to hold the mesh in place). Inject through mesh as quickly as possible, using a multi-pipettor. There will be a small amount of liquid left on the mesh; pipette this residual liquid (~10uL) back into the pipette tips to prevent spreading on the mesh and possible cross-contamination of samples.

## Ordering Information for 80 $\mu$ m Nylon Mesh:

- Company name: [componentsupplycompany.com](http://componentsupplycompany.com)