



Cell preparation for counting with Neubauer chamber

Purpose:

This SOP describes how to prepare the cells for the counting with a Neubauer chamber.

Safety equipment and precaution:

Wear lab coat.

1 Procedure

| Step | description |
|---|--|
| Start the timer for solution preparation | |
| 1 | Cells are taken from the flask into a 15 mL falcon tube |
| 2 | Centrifuge at 300g for 3 min and take away supernatant. |
| 3 | Add 200 μ L of trypsin and wait for 1 minute in the incubator. Then pipet up and down (for 15 times in a 200 μ L volume-set pipette) to dissociate cells to single cell condition. |
| 4 | Add 200 μ L of media to counteract the 200 μ L of trypsin. |
| Stop the timer for solution preparation | |

2. MATERIALS

- Media needed for cell culture, trypsin.
- Pipet correctly working.
- Pipettes, tips and filter tips, falcons (daily consumables).
- 2 timers.