May 02, 2022 Version 1

Passaging of cells V.1

DOI
https://dx.doi.org/10.17504/protocols.io.ewov1n3qkgr2/v1

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Protocol Citation: Guido Krähenbühl 2022. Passaging of cells. **protocols.io** https://dx.doi.org/10.17504/protocols.io.ewov1n3qkgr2/v1

Protocol status: Working
We use this protocol and it's working

Created: May 02, 2022

Last Modified: May 02, 2022

Protocol Integer ID: 61793

Keywords: cells general lab procedure, cell passage, cell, procedure

Abstract

General Lab procedure, Cell passage

Before start

Warm up culture media, PBS and Trypsin in a 37 °C Waterbath

1 Inspect cells for confluency, when 70-90 % confluency is reached cells are ready for passage

2 Discard media and wash once with PBS

3 Add Trypsin to fully cover the surface of the culture vessel

4 Incubate for 00:05:00 at 37 °C 5m

4.1 Lightly tap the culture vessel and check for cell detachement. If cells are still attached prolong incubation

5 Add 2/3 of culture media to 1/3 of trypsin and transfer cells into a Falcon tube

6 Centrifuge at 300 rcf, Room temperature, 00:05:00 5m

7 Discard supernatant and resubstitute with 1 mL culture media

8 Count cells and adjust media volume for required cell density

9 Plate cells