Nov 03, 2022

Passage cells

DOI
https://dx.doi.org/10.17504/protocols.io.n92ldpbd7l5b/v1

Adita Ayu Permanasari[1]

[1]Institute of Tropical Disease, Airlangga University

Adita Ayu Permanasari

DOI: https://dx.doi.org/10.17504/protocols.io.n92ldpbd7l5b/v1

Protocol Citation: Adita Ayu Permanasari 2022. Passage cells. **protocols.io** https://dx.doi.org/10.17504/protocols.io.n92ldpbd7l5b/v1

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

Created: September 06, 2022

Last Modified: November 03, 2022

Protocol Integer ID: 69611

Keywords: cell

Abstract

Passage Cells

1 Observe cells under microscope

2 Wipe outside surface of cell culture dish with ethanol cotton and bring it inside Biosafety Cabinet (BSC)

3 Bring medium, PBS, Trypsin-EDTA 2x to BSC

4 Bring autopipetter, disposable pipet (10ml, 2ml), one 15ml tube to BSC

5 Discard old medium

6 Rinse the bottom of dish with 10ml PBS

7 Add 1ml Trypsin-EDTA 2x to dish

8 Incubate the dish in CO2 Incubator 37oC 4min

9 Check under microscope (cell shape become rounded)

10 Neutralize trypsin-EDTA 2x by add 8ml medium

11 Suspend detached cells and transfer to 15ml tube

12 Centrifuge 1200 rpm, 4 min

13 Bring to BSC, discard medium

14 Add 20 ml DMEM and divided each 10 ml to dish (total 2 dish with @50% cells)