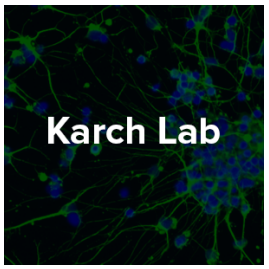
Feb 27, 2019

Thawing Rosettes and NPC



In 1 collection

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Celeste Karch[1], Rita Martinez[1], Jacob Marsh[1]

[1]Washington University in St Louis

Neurodegeneration Method Development Community
Tech. support email: **ndcn-help@chanzuckerberg.com**

Celeste M M. Karch
Washington University in St Louis

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

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Attachments

PDF

IPSC CORTICAL DIFFER...
179KB

Guidelines

This protocol is part of the **IPSC CORTICAL DIFFERENTIATION** collection.

This method should be performed using sterile technique.

Materials

Please refer to the attached full manuscipt for requried materials.

Safety warnings

Please refer to the SDS (Safety Data Sheet) for information about hazards, and to obtain advice on safety precautions.

1 Aliquot 9 mL of pre-warmed DMEM/F12 into a 15 ml conical tube.

2 Remove cells from liquid nitrogen and thaw in 37 °C water bath for approximately 00:00:30 or until a small ice clump remains.

3 Add freshly thawed cells into the 9 mL of pre-warmed DMEM/F12 and mix gently by gently shaking tube 3 times. Avoid breaking up clumps of cells.

4 Centrifuge cells at 750 rpm for 00:03:00 . Aspirate supernatant.

5 Resuspend in 2 mL of NIM and plate into one well of a 6-well plate.

Note

If cell viability count is necessary, after resuspension remove 10 µl into a separate microfuge tube for cell viability count .