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Working

Thawing Rosettes and NPC

In 1 collection

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Neurodegeneration Method Development Community

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PDF

IPSC CORTICAL DIFFERENTIATION 022017.pdf

PROTOCOL STATUS

Working

We use this protocol in our group and it is working

GUIDELINES

This protocol is part of the IPSC CORTICAL DIFFERENTIATION collection.

This method should be performed using sterile technique.

MATERIALS TEXT

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.

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