

Feb 27, 2019

Thawing Rosettes and NPC

 In 1 collection

DOI

<https://dx.doi.org/10.17504/protocols.io.x9afr2e>

Celeste Karch¹, Rita Martinez¹, Jacob Marsh¹

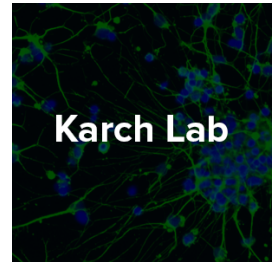
¹Washington University in St Louis

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



Celeste M M. Karch

Washington University in St Louis



Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN  ACCESS



DOI: <https://dx.doi.org/10.17504/protocols.io.x9afr2e>

Protocol Citation: Celeste Karch, Rita Martinez, Jacob Marsh 2019. Thawing Rosettes and NPC. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.x9afr2e>



License: This is an open access protocol distributed under the terms of the **Creative Commons Attribution License**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this protocol and it's working

Created: February 17, 2019

Last Modified: February 27, 2019

Protocol Integer ID: 20482

Keywords: thawing rosette, npc

Attachments



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 manuscript for required 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 .