

Jun 16, 2022

Thawing Cells

DOI

<https://dx.doi.org/10.17504/protocols.io.eq2lyn1mevx9/v1>

salvatore spanò¹

¹San Raffaele Hospital, Milan, It.



salvatore spanò

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.eq2lyn1mevx9/v1>

Protocol Citation: salvatore spanò 2022. Thawing Cells. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.eq2lyn1mevx9/v1>

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: May 27, 2022



Last Modified: June 16, 2022

Protocol Integer ID: 63347

Keywords: thawing cell, cell

Abstract

Thawing cells, routine lab protocol



Thawing Cells

- 1 Take the cryovial from nitrogen, clean it with disinfectant, put it in the waterbath set to 37°C.
- 2 In the meanwhile prepare a flask tagging it with cell line name, passage, date and operator. Fill it with medium 10ml.
If coating is required, check in advance which kind of is needed. Perform the coating accordingly to the related procedure and then perform step 2.
- 3 Once vial is almost completely thawed, remove it from the waterbath. Prepare a falcon (cell line name, passage) with enough medium/Stop Solution to wash the cells.
Take the content of the cryovial and add it to the falcon. Wash the cryovial with 1 ml of medium/stopping solution.
Add it to the falcon.
- 4 Centrifuge cells at 1200 RPM for 5 minutes. Remove pellet, resuspend cells accordingly to the number of flask to the seeded and cells number. thoroughly pipette to prevent aggregation and seed cells in the flask.
- 5