



Apr 29, 2022

Thawing of CT-2A cell line

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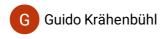
¹MDC Berlin

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protocol.

AG Gerhardt



This protocol describes the thawing of mouse CT-2A glioma cells

Guido Krähenbühl 2022. Thawing of CT-2A cell line. **protocols.io** https://protocols.io/view/thawing-of-ct-2a-cell-line-b8gurtww

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61684

GMO safety level 1

⊠DMEM Thermo Fisher

Scientific Catalog #41966

⊠FBS Invitrogen - Thermo Fisher

Make sure to warm up media to § 37 °C

1 Remove cryovial from liquid nitrogen storage and place on dry-ice for transfer to cell culture lab.



2 Remove cryovial from dry-ice and hold in a § 37 °C waterbath until thawed



Avoid submerging the lid or rim of the cryovial in the waterbath as this may result in contamination

Dry the cryovial thoroughly, spray with 70% ethanol and transfer to cell culture hood

3 Transfer contents of cryovial to a

Scientific Catalog #352095

containing **T** mL DMEM, 10% FBS, no antibiotics.

3.1 Rinse the cryovial with **1 mL** of the cell suspension and add it back to the same

Scientific Catalog #352095

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5m

Centrifuge at @300 rcf, Room temperature, 00:05:00

- 5 Discard supernatant, resubstitute with fresh **7 mL DMEM, 10% FBS, no antibiotics**
- 6 Transfer cell suspension to a



⊠ Petri dish, 10cm, polystyrene Fisher

Scientific Catalog #FB0875712

and agitate

gently back and forth and side to side to evenly distribute cells

- 7 Place the petri dish in a § 37 °C Incubator (5%CO₂)
- 8 After 24 hours, inspect adherence and confluency.



If a major amount of cells did not attach, remove the media and replace with

■7 mL DMEM, 10% FBS, no antibiotics and check for surviving cells after 24 hours