

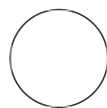


OCT 27, 2023

## Thawing of cells

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### ABSTRACT

This method describes the process of thawing permanent cell lines

### MATERIALS

Growth medium

Falcon tube

T75 flask

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**Protocol Citation:** Bettina Ergün 2023. Thawing of cells. **protocols.io**  
<https://protocols.io/view/thawing-of-cells-c3ifykbn>

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

**Created:** Oct 17, 2023

**Last Modified:** Oct 27, 2023



**PROTOCOL integer ID:**  
89383

Required

Cells

Required

Growth Medium

- 2 Allow cryotubes to thaw for  00:01:00 at RT at RT, then thaw for approx.  00:02:00 at 37 °C in a water bath while swirling until the last ice disappears 3m

- 3 Disinfect the outside of the tube with alcohol

- 4 Pipette the content into a Falcon tube containing 10 ml of pre-warmed growth medium  
CAVE: In case of very sensitive cells, the cell suspension can be transferred from the cryotube directly into the culture bottle without centrifugation

- 5 Aspirate supernatant and resuspend pellet in growth medium (for T75: 4 ml )

- 6  300 x g, Room temperature, 00:04:00 4m

- 7 at the resuspended cell without bubbles to a culture flask prefilled with growth medium (for T75: 8 ml)

the size of the culture flask depends on the number of cells:  
for 1-2E+6 cells => 1x T75