Thawing Frozen Vial of Mammalian Cells

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Abstract

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Protocol

Step 1.

Warm media fo 37°C.

Media may be DMEM or 1640-RPMI with 10% or 20% FBS.

Step 2.

Remove cell vial from liquid nitrogen and immediately put on ice to thaw.

Step 3.

Once cells are thawed, transfer cells to 15 mL conical vial and add 5 mL of media.

Step 4.

Centrifuge cells at 100 RCF for 5 minutes.

Step 5.

Aspirate media, minding to not disrupting the cell pellet.

Step 6.

Resuspend cell pellet in 5 mL of media.

Step 7.

Transfer suspended cells to T-25 and check for cell presence under a microscope.

Step 8.

Incubate cells at 37°C with 5% CO_2 for 2 days before passaging.