

Universität Heidelberg- IBF/ Biotechnologie Labor

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Thawing of Mouse Sperm from the IBF- BTL

1. Remove the straw from LN2.
2. Using a forceps, grasp the straw and bring it rapidly to 37°C for 30 seconds.
3. Carefully dry the straw with paper towel.
4. Hold the Straw horizontally, cut off cotton plug and sealed end.
5. Bring only the thawed 10µl sperm suspension (small Column) into the equilibrate overnight pre-incubated HTF 500µl drop, using a wide bore pipette.
6. To achieve a good result, let the sperm capacitate for 60 minutes before adding oocytes.
7. Continue a standard IVF protocol for example like the Jackson Lab protocol (<http://cryo.jax.org/ivf.html>)