

SOP 8 Thawing a Xenograft Sample for Reinjection

1. Place vial(s) to be thawed in a small plastic bag and then put them in a warming bath (37°C)
2. When vials are mostly thawed, pull the vials out of the water bath and spray them with 70% EtOH before bringing them into the hood
3. Re-suspend the thawed vial in 5mL chilled 1640-RPMI and centrifuge at 1600rpm for 6 minutes in a 15mL centrifuge
4. Pour off supernatant

Tail Vein or IP Injection

5. Re-suspend the cell pellet in chilled 1640-RPMI in 200uL/mouse being injected
6. Draw up cell suspension into an insulin needle (tail vein) or 26g 3/8" needle (IP)
7. Place on ice until sample is ready for injection

Sub-Cutaneous Injection

5. Re-suspend the cell pellet in 100uL of chilled RPMI media and 100uL cold matrigel per mouse being injected
6. Draw solution into tip-less 1mL syringe
7. Place 18g needle tip onto syringe and place on ice