Human Pancreas Biopsy Collection, ex vivo

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COLLECTIONS
ADI IsletCore Protocols for the Isolation, Assessment and Cryopreservation of Human Pancreatic Islets of Langerhans for Research Purposes

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OWNERSHIP HISTORY
Aug 10, 2018 Aliya Spigelman University of Alberta
Jan 09, 2019 Jocelyn Manning Fox University of Alberta

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14646

PARENT PROTOCOLS
Part of collection
ADI IsletCore Protocols for the Isolation, Assessment and Cryopreservation of Human Pancreatic Islets of Langerhans for Research Purposes

MATERIALS TEXT
Z-Fix Fisher
Scientific Catalog #NC9378601

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1. This protocol is associated with Isolation of Human Pancreatic Islets of Langerhans for Research step 7.

2. Label a 15ml conical tube with the internal identifier number (Rxx) and "biopsy".

3. Following pancreas perfusion, use surgical scissors to excise a 5mm cubic piece of tissue from the tail of the pancreas.

4. Transfer into a 15ml conical tube using forceps.

5. Add 5ml Z-fix into the conical tube, and cap the tube.

6. Store biopsy tube @4°C.

7. After 24hrs in fixative the biopsy should be transferred into PBS and can be submitted to the Histology Core for processing into paraffin blocks and cut for slide preparation. Record the sample in the Histology Library Record and on REDCap.

Sample Histology Library Record:

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<th>Pre-distribution</th>
<th>Pre-cryopreservation</th>
<th>Post-cryopreservation</th>
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