SOP- Human Pancreatic Biospecimen Procurement [ONC/FEB-11]

Method 1 – Long term [24-72 hours] procurement of pancreatic tissue biopsies under ***Hypothermic*** conditions

a) Store the 125 mL RSI kit containers of AQIX® RS-I solution @ **3 – 8 °C under** dark conditions.
b) Under sterile, laminar flow conditions add the antibiotic, Nanomycopulitin [20X conc.], to AQIX® RS-I solution at a dilution of 1mL (Nanomycopulitin) **:** 20mL (AQIX® RS-I).
c) Within laminar flow cabinet, fill 30 mL Nalgene [Part Code: 2019-0030] screw top bottles (RSIN kit containers) with the mixture (b).
b) Transport RSIN kit containers @ 0-4 °C (over 'wet' ice) to tissue procurement site.
c) Maintain RSIN kit containers @ 0-4 °C (over 'wet' ice/fridge) at tissue procurement site **under** dark conditions.
d) To procure the pancreatic biopsies, open a RSI kit container for the minimal time possible before inserting a 100-200 mg pancreatic biopsy sample.
e) Quickly attach the lid closure and seal the 30 mL bottle tightly.
f) Repeat steps (d) and (e) for all 100-200 mg pancreatic tissue samples.
g) Transport RSI kits back to laboratory @ 0-4 °C (over 'wet' ice) in a polystyrene, outer box.
h) RSI kit containers + specimens may be stored @ **3 – 8 °C** for 24-48 hours **under** dark conditions prior to further processing the tissue biospecimens, exactly as one would 'fresh' tissue, using current proteomic, genomic, metabolomic and/or histochemical techniques.