

Resource Summary Report

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Islet Culture and Preparation for Cold Shipping

DOI:10.17504/protocols.io.bfsfjnbn

Type: Protocol

Proper Citation

Integrated Islet Distribution Program 2020. Islet Culture and Preparation for Cold Shipping. protocols.io dx.doi.org/10.17504/protocols.io.bfsfjnbn

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bfsfjnbn>

Authors: Integrated Islet Distribution Program

Group: Integrated Islet Distribution Program, Integrated Islet Distribution Program and Human Islet Phenotyping Program

Summary: This SOP defines a standardized method for packaging and cold shipping of research quality islets to approved investigators of human isolated islet preparations, for use in the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) sponsored research in the Integrated Islet Distribution Program (IIDP). This protocol is written to assist the participating islet isolation centers and investigators who are part of this program. Note: This SOP was developed based on the Prodo Labs, Inc. shipping protocol and results from preliminary studies conducted by the IIDP and commissioned by the original IIDP Project Officer, and External Evaluation Committee (EEC). It was commissioned due to problems with acquiring the supplies that were used in IIDP SOP: SHP-001 and with the hope that this method is a better means for transportation of IIDP islets. Preliminary studies proved the islets by the Prodo Labs' method were statistically as good as the original IIDP method, it was preferred by the test researchers, and was much more cost effective for the IIDP. This new method may be modified as future methods are tested and approved by the IIDP Team, Project Scientist (PS), the Program Official (PO), and EEC.

Affiliations: [Integrated Islet Distribution Program, City of Hope, Duarte, CA]

External URL: <https://iidp.coh.org/Investigators/Policies-Standard-Operating-Procedures>

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