

Resource Summary Report

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Sentinel Flask Preparation for Cold Shipping Protocol of Human Islets

DOI:10.17504/protocols.io.bctziwp6

Type: Protocol

Proper Citation

Integrated Islet Distribution Program 2020. Sentinel Flask Preparation for Cold Shipping Protocol of Human Islets. protocols.io dx.doi.org/10.17504/protocols.io.bctziwp6

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bctziwp6>

Authors: Integrated Islet Distribution Program

Group: Integrated Islet Distribution Program

Summary: To establish a standardized method for the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) sponsored research in the Integrated Islet Distribution Program (IIDP) for preparing a sentinel flask of human islets in order to monitor sterility and islet integrity at the production center. This is a representative sample of the islet preparation that has been distributed to investigators and is held at the distributing center as a quality control sample. The islets are cultured in the same shipping media used for islet shipment, for 18 hours at 4-8°C, simulating the cold shipping conditions followed by 2 days at 37°C culture. The flask of islets are verification in the event of a dispute over sterility or islet quality.

Affiliations: Integrated Islet Distribution Program, City of Hope

External URL: <https://dx.doi.org/10.17504/protocols.io.bac5iay6>;
<https://iidp.coh.org/Investigators/Policies-Standard-Operating-Procedures>

Version: 1

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