

♠ ADI IsletCore Protocols for the Isolation, Assessment and Cryopreservation of Human Pancreatic Islets of Langerhans for Research Purposes V.2

Version 2 ▼
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James Lyon¹, Aliya F Spigelman¹, Jocelyn E E Manning Fox¹, Patrick E Macdonald¹

¹University of Alberta

1 Works for me

dx.doi.org/10.17504/protocols.io.bupanvie



Jocelyn E Manning Fox University of Alberta

ABSTRACT

This collection of protocols describe the processes used by the Alberta Diabetes Institute IsletCore for the isolation of human pancreatic islets of Langerhans for research. In addition, protocols related to quality control and the cryopreservation of human islets are included. http://www.bcell.org/adi-isletcore.html

The ADI IsletCore program is described in full here:

Lyon J, Manning Fox JE, Spigelman AF, Kim R, Smith N, O'Gorman D, Kin T, Shapiro AMJ, Rajotte RV, MacDonald PE (2016) Research-focused isolation of human islets from donors with and without diabetes at the Alberta Diabetes Institute IsletCore. Endocrinology, 157(2): 560-569.

EXTERNAL LINK

www.isletcore.ca

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Version created by Jocelyn E Manning Fox

WHAT'S NEW

Minor edits, and the addition of a protocol for preparing the enzymes for human islet isolation.

KEYWORDS

Human Islets, Islets of Langerhans, Cryopreservation, IsletCore

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