

Checklist for Reporting Human Islet Preparations Used in Research

Adapted from Hart NJ, Powers AC (2018) Progress, challenges, and suggestions for using human islets to understand islet biology and human diabetes. *Diabetologia* <https://doi.org/10.1007/s00125-018-4772-2>.

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Title: Islet autoimmunity is highly prevalent and associated with diminished β -cell function in patients with type 2 diabetes in the GRADE Study	
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Islet preparation	1	2	3	4	5	6	7	8 ^a
MANDATORY INFORMATION								
Unique identifier	HP-16020-1							
Donor age (years)	57 yrs							
Donor sex (M/F)	Female							

Donor BMI (kg/m ²)	23.10							
Donor HbA _{1c} or other measure of blood glucose control	Not known							
Origin/source of islets ^b	:Integrated islet distribution program							
Islet isolation centre	Prodo Laboratories Inc							
Donor history of diabetes? Yes/No	No							
If Yes, complete the next two lines if this information is available								
Diabetes duration (years)								
Glucose-lowering therapy at time of death ^c								

RECOMMENDED INFORMATION								
Donor cause of death	Cerebrovascular/Stroke							
Warm ischaemia time (h)	N/A							

Cold ischaemia time (h)	8 hours							
Estimated purity (%)	90%							
Estimated viability (%)	95%							
Total culture time (h) ^d	N/A							
Glucose-stimulated insulin secretion or other functional measurement ^e	N/A							
Handpicked to purity? Yes/No	Yes							
Additional notes								

^aIf you have used more than eight islet preparations, please complete additional forms as necessary

^bFor example, IIDP, ECIT, Alberta IsletCore

^cPlease specify the therapy/therapies

^dTime of islet culture at the isolation centre, during shipment and at the receiving laboratory

^ePlease specify the test and the results