

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>.

Manuscript DOI: https://doi.org/10.2337/[insert manuscript submission number] (Example, https://doi.org/10.2337/db18-1234)	
Title: Spatial Environment Affects HNF4A Mutation-Specific Proteome Signatures and Cellular Morphology in hiPSC-Derived β -Like Cells	
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Islet preparation	1	2	3	4	5	6	7	8 ^a
MANDATORY INFORMATION								
Unique identifier	O04	O06	O017					
Donor age (years)	57	33	29					
Donor sex (M/F)	F	M	M					
Donor BMI (kg/m ²)	24.2	22.6	18.3					

Donor HbA _{1c} or other measure of blood glucose control	NA	NA	5.1					
Origin/source of islets ^b	ECIT	ECIT	ECIT					
Islet isolation centre	Oslo	Oslo	Oslo					
Donor history of diabetes? Yes/No	No	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	DBD	DBD	DBD					
Warm ischaemia time (h)	NA	NA	NA					
Cold ischaemia time (h)	5:59	3:36	5:47					

Estimated purity (%)	95	85	95					
Estimated viability (%)	90	95	90					
Total culture time (h) ^d	48	48	48					
Glucose-stimulated insulin secretion or other functional measurement ^e	3.4	2.2	3.5					
Handpicked to purity? Yes/No								
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