

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/db21-0948	
Title: Identification of novel disease-relevant genes and pathways in the pathogenesis of type 1 diabetes: a potential defect in pancreatic iron homeostasis	
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Islet preparation	1	2	3	4	5	6	7	8 ^a
MANDATORY INFORMATION								
Unique identifier	R271	R274	R314					
Donor age (years)	60	42	54					
Donor sex (M/F)	F	M	M					
Donor BMI (kg/m ²)	25.9	25.2	26.4					

Donor HbA _{1c} or other measure of blood glucose control	5.5	n/a	5.1					
Origin/source of islets ^b	Alberta Islet Core	Alberta Islet Core	Alberta Islet Core					
Islet isolation centre	Alberta Islet Core	Alberta Islet Core	Alberta Islet Core					
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								
Warm ischaemia time (h)								
Cold ischaemia time (h)								

Estimated purity (%)								
Estimated viability (%)								
Total culture time (h) ^d								
Glucose-stimulated insulin secretion or other functional measurement ^e								
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