

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: Src kinase-associated phosphoprotein 2 (SKAP2) regulates β -cell apoptosis and glycaemic control in newly diagnosed type 1 diabetes patients	
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Islet preparation	1	2	3	4	5	6	7	8 ^a
MANDATORY INFORMATION								
Unique identifier	HP-18132-01	HP-18144-01	HP-18151-01	HP-19060-01	HP-19073-01			
Donor age (years)	45	47	57	57	50			
Donor sex (M/F)	M	M	F	M	M			
Donor BMI (kg/m ²)	25.0	28.1	24.1	35.9	21.8			

Donor HbA _{1c} or other measure of blood glucose control	5.1%	5.8%	5.8%	5.4%	5.5%			
Origin/source of islets ^b	UNOS	UNOS	UNOS	UNOS	UNOS			
Islet isolation centre	Prodo Labs	Prodo Labs	Prodo Labs	Prodo Labs	Prodo Labs			
Donor history of diabetes? Yes/No	No	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	Anoxia	Head trauma	Stroke	Stroke	Head trauma			
Warm ischaemia time (h)								
Cold ischaemia time (h)								

Estimated purity (%)	90	85	90	85	90			
Estimated viability (%)	95	95	95	95	95			
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