

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>

Islet preparation	1	2	3	4	5	6	7	8^a
MANDATORY INFORMATION								
Unique identifier	SAMN19470079	SAMN19897466	SAMN20064638	SAMN20523746	SAMN21244110	SAMN21399152	SAMN25690319	SAMN25860453
Donor age (years)	39	28	66	62	53	29	49	44
Donor sex (M/F)	M	F	M	F	M	M	M	M
Donor BMI (kg/m ²)	27.6	24.7	29.9	23	31.1	23.1	32.5	25.8
Donor HbA _{1c} or other measure of blood glucose control	5.5 (37)	5 (31)	5.8 (40)	5 (31)	5.9 (41)	5.3 (34)	5.5 (37)	6 (42)
Origin/source of islets ^b	IIDP	IIDP	IIDP	IIDP	IIDP	IIDP	IIDP	IIDP
Islet isolation centre	Prodo labs	Prodo labs	Prodo labs	Prodo labs	Prodo labs	Prodo labs	Prodo labs	Prodo labs
Donor history of diabetes? Please select yes/no from drop down list	No	No	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								

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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? Please select yes/no from drop down list								
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