

## 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 <sup>a</sup>	9	10
<b>MANDATORY INFORMATION</b>										
Unique identifier	HR14	HR19	HR21	?2010?	1120	1299	SAMN12500521	DO NOT HAVE	1279	1546
Donor age (years)	55	30	32	55	43	38	52	54	40	30
Donor sex (M/F)	F	M	M	M	M	F	M	M	M	M
Donor BMI (kg/m <sup>2</sup> )				37.5	36.5	44.7	29	42.8	30.7	56.8
Donor HbA <sub>1c</sub> or other measure of blood glucose control										
Origin/source of islets <sup>b</sup>										
Islet isolation centre	WASH U in 1997 before IIDP	WASH U in 1997 before IIDP	WASH U in 1997 before IIDP	UW MSN	UW MSN	UW MSN	UW MSN	UW MSN	UW MSN	UW MSN
Donor history of diabetes? Please select yes/no from drop down list										
<b>If Yes, complete the next two lines if this information is available</b>										
Diabetes duration (years)										
Glucose-lowering therapy at time of death <sup>c</sup>										

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RECOMMENDED INFORMATION										
Donor cause of death										
Warm ischaemia time (h)										
Cold ischaemia time (h)				3.13	15	8.5	8.2	6.5	6.15	8
Estimated purity (%)	70	95	90	90	90	95	95	90	90	95
Estimated viability (%)				82	90	95	95	98	90	95
Total culture time (h) <sup>d</sup>										
Glucose-stimulated insulin secretion or other functional measurement <sup>e</sup>										
Handpicked to purity? Please select yes/no from drop down list										
Additional notes										

<sup>a</sup>If you have used more than eight islet preparations, please complete additional forms as necessary

<sup>b</sup>For example, IIDP, ECIT, Alberta IsletCore

<sup>c</sup>Please specify the therapy/therapies

<sup>d</sup>Time of islet culture at the isolation centre, during shipment and at the receiving laboratory

<sup>e</sup>Please specify the test and the results