

## 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>.

<b>Manuscript DOI:</b> <a href="https://doi.org/10.2337/[insert manuscript submission number]">https://doi.org/10.2337/[insert manuscript submission number]</a> (Example, <a href="https://doi.org/10.2337/db18-1234">https://doi.org/10.2337/db18-1234</a> )	
<b>Title:</b> Human islet microRNA-200c is elevated in type 2 diabetes and targets the transcription factor ETV5 to reduce insulin secretion	
<b>Author list:</b> Jones K. Ofori, Alexandros Karagiannopoulos, Mototsugu Nagao, Efraim Westholm, Shaima Ramadan, Anna Wendt, Jonathan LS Esguerra and Lena Eliasson	
<b>Corresponding author:</b> Lena Eliasson	<b>Email address:</b> lena.eliasson@med.lu.se

Islet preparation	25	26	27	28	29	30	31	32 <sup>a</sup>	
MANDATORY INFORMATION									MANDA
Unique identifier	T2D_5	T2D_6	T2D_7	T2D_8	T2D_9	ND_21	ND_22	ND_23	
Donor age (years)	62	66	55	57	62	62	39	75	
Donor sex (M/F)	M	F	F	M	M	M	M	F	
Donor BMI (kg/m <sup>2</sup> )	34.9	22.9	28.5	24.5	24.8	No value	26.6	31.1	

Donor HbA <sub>1c</sub> or other measure of blood glucose control	6.4	6.3	6.0	5.8	No value	4.8	5.3	5.4
Origin/source of islets <sup>b</sup>	Nordic Network for Islet Transplantation	Nordic Network for Islet Transplantation	Nordic Network for Islet Transplantation	Nordic Network for Islet Transplantation	Nordic Network for Islet Transplantation	Nordic Network for Islet Transplantation	Nordic Network for Islet Transplantation	Nordic Network for Islet Transplantation
Islet isolation centre	Islet isolation facility in Uppsala, Sweden	Islet isolation facility in Uppsala, Sweden	Islet isolation facility in Uppsala, Sweden	Islet isolation facility in Uppsala, Sweden	Islet isolation facility in Uppsala, Sweden	Islet isolation facility in Uppsala, Sweden	Islet isolation facility in Uppsala, Sweden	Islet isolation facility in Uppsala, Sweden
Donor history of diabetes? Yes/No	Yes	Yes	Yes	Yes	Yes	No	No	No
<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>								

RECOMMENDED INFORMATION								
Donor cause of death								
Warm ischaemia time (h)								
Cold ischaemia time (h)								

Estimated purity (%)								
Estimated viability (%)								
Total culture time (h) <sup>d</sup>								
Glucose-stimulated insulin secretion or other functional measurement <sup>e</sup>								
Handpicked to purity? Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
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