

Supplementary materials

A Systematic Comparison of Protocols for Recovery of High Quality RNA From Human Islets Extracted by Laser Capture Microdissection

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Table S1. Bioanalyzer assessment of RNA samples extracted using three different protocols with Qiazol from non-diabetic or diabetic patients following partial pancreatectomy (PP) and islets from organ donors (OD).

SAMPLE ID	PROTOCOL	RIN number	Bio. Conc. (pg/ μ l)
PP islets: non-diabetic	QIAZOL	1	19
	QIAZOL/CLEAN UP	2.2	878
	MICROKIT/CARRIER	7.2	100
OD islets: non-diabetic	QIAZOL	8.20	1.33
	QIAZOL/CLEAN UP	9.10	12
	MICROKIT/CARRIER	8.60	15.24
PP islets: diabetic	QIAZOL	1	42.2
	QIAZOL/CLEAN UP	2.2	1.96
	MICROKIT/CARRIER	4.4	29.4
OD islets: diabetic	QIAZOL	N/A	125
	QIAZOL/CLEAN UP	6.9	25
	MICROKIT/CARRIER	6.3	17.88

One μ l RNA loaded for each sample was applied to AgilentPicoAChip and analyzed for quantity and quality with the Agilent 2100 Bioanalyzer. PP: pancreatectomized patients. OD: organ donor patients.