

Materials List for:

Measurement of Differentially Methylated *INS* DNA Species in Human Serum Samples as a Biomarker of Islet β Cell Death

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Materials

Name	Company	Catalog Number	Comments
Red Top Vacutainer	Beckon Dickinson	366441	no additive, uncoated interior, 10 ml
Cryovial Tube	Simport	T310-3A	polypropylene, screw cap tube, any size
QIAamp DNA Blood Mini Kit	Qiagen	51106	
Poly(A)	Sigma	P9403	disolved in TE buffer (10 mM Tris-Cl pH 8.0 + 1 mM EDTA) to 5 μ g/ μ l
Absolute Ethanol (200 Proof)	Fisher Scientific	BP2818-500	
DPBS (with CaCl ₂ and MgCl ₂)	Sigma	D8662	
0.2 ml PCR 8-strip Tubes	MidSci	AVST	
8-strip Caps, Dome	MidSci	AVSTC-N	
EZ DNA Methylation-Lightning Kit	Zymo	D5031	
ddPCR Supermix for Probes (No dUTP)	Biorad	1863024	
Buffer Control for Probes	Biorad	1863052	
Human Unmethylated/Methylated Primer/Probe mix	Life Technologies	AH21BH1	
EcoR1	New England Biolabs	R0101L	
twin.tec PCR Plate 96, semi-skirted	Eppendorf	951020346	
Pierceable Foil Heat Seal	Biorad	1814040	
PX1 PCR Plate Sealer	Biorad	1814000	
QX200 AutoDG Droplet Digital PCR System	Biorad	1864101	
Automated Droplet Generation Oil for Probes	Biorad	186-4110	
DG32 Cartridge for Automated Droplet Generator	Biorad	186-4108	
Pipet Tips for Automated Droplet Generator	Biorad	186-4120	
Pipet Tip Bins for Automated Droplet Generator	Biorad	186-4125	
C1000 Touch Thermal Cycler	Biorad	1851197	
QX200 Droplet Reader	Biorad	186-4003	
ddPCR Droplet Reader Oil	Biorad	186-3004	