

Materials List for:

Lentiviral Mediated Gene Silencing in Human Pseudoislet Prepared in Low Attachment Plates

Siming Liu^{1,2}, Mikako Harata^{1,2}, Joseph A. Promes^{1,2}, Anthony J. Burand^{2,3}, James A. Ankrum^{2,3}, Yumi Imai^{1,2}

¹Department of Internal Medicine, Carver College of Medicine, University of Iowa

²Fraternal Order of Eagles Diabetes Research Center, University of Iowa

³Roy J. Carver Department of Biomedical Engineering, University of Iowa

Correspondence to: Yumi Imai at yumi-imai@uiowa.edu

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Materials

Name	Company	Catalog Number	Comments
Anti-adherence rinsing solution	Stemcell technologies	7919	
Biological safety cabinet	Thermo Scientific	1300 Series Type A2	
Cell strainer, 40 micrometer	Corning	431750	
CMRL-1066	ThermoFisher	11530037	
CO ₂ incubator	Thermo Scientific	Heracell VIOS 160i	
Conical centrifuge tube, 15 mL	VWR	89039-666	
Conical centrifuge tube, 50 mL	VWR	89039-658	
Fetal bovine serum	ThermoFisher	26140079	
Guanidinium thiocyanate RNA extraction reagent	ThermoFisher	15596026	Trizol
Glutamine	ThermoFisher	25030164	
Hemocytometer	Marien Feld	Neubauer-Improved Bright line	
Human serum albumin	Sigma	A1653	
Inverted microscope	Fisher brand	11-350-119	
Microcentrifuge	Beckman Coulter	Microfuge 20	
Microcentrifuge tube, 1.5 mL	USA Scientific	1615-5500	
Microwell culture plate	Stemcell technologies	34411	Aggrewell 400, 24 well
Motor-driven pestle	GAMUT	#399X644	
Non-tissue culture treated dish, 10 cm	Fisher Scientific	FB0875713	
PBS	ThermoFisher	14190250	
Penicillin-streptomycin	ThermoFisher	10378016	
Petri dish, 35 mm	Celltreat	229638	
Pipette, 5 mL	DOT Scientific,	667205B	
Pipette, 8-channel	VWR	#613-5253	
Pipette, 10 mL	VWR	667210B	
Pipette, P10	Denville	UEZ-P-10	
Pipette, P200	Denville	UEZ-P-200	
Pipette, P1000	Denville	UEZ-P-1000	
Proteolytic and collagenolytic enzyme mixture	Sigma	A6965	Accutase
Reagent reservoir, 50 mL	VWR	89094-680	
Reversible strainer, 37 micrometer	Stemcell technologies	27251	

Swing bucket plate centrifuge	Beckman Coulter	Allegra X-14R	
Swing bucket rotor	Beckman Coulter	SX4750A	
Tuberculin syringe, 1 mL	BD	309659	
Ultra low attachment microplate, 96 well	Corning	4515	