

Materials List for:

Human Pancreatic Islet Isolation: Part I: Digestion and Collection of Pancreatic Tissue

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URL: <https://www.jove.com/video/1125>

DOI: [doi:10.3791/1125](https://doi.org/10.3791/1125)

Materials

Name	Type	Company	Catalog Number	Comments
Ice Slush Machine	equipment	Taylor Company	K4036546	make sterile ice
Centrifuge	equipment	Beckman Coulter Inc.	424803	
MZ6 Inverted Microscopy TLBD4.1	equipment	Leica Microsystems	4103	
Cell Culture Dish with 2 mm Grid	equipment	Nalge Nunc international	174926	islet counting
Digital Water Bath EX7	equipment	NesLab	105361058	
Thermometer	equipment	IBI:IR	60444	
MonoBloc Balance AB 104-S	equipment	Mettler Toledo	1119430864	measure pancreas weight
MasterFlex II Speed Controller	equipment	Cole-Parmer	J00006445	adjust flow speed during degestion
Digital Sight DS L1	equipment	Nikon Instruments	217267	
Perfusion Unit	equipment	Custom Made	n/a	
Cooler for perfusion unit	equipment	Fisher Scientific	3013P	
Ricordi Chamber	equipment	University of Miami	n/a	
RPMI dilution solution	reagent	Mediatech, Inc.	99783024	
University of Wisconsin (UW) solution	reagent	DURAMED	1000-46-06	
Hank's Buffered Salt Solution (HBSS)	reagent	Mediatech, Inc.	99-597-CM	
25% Human Albumin	reagent	GRIFOLS	NDC 61953-0002-2	
M199 media (wash solution)	reagent	Mediatech, Inc.	99-784-CM	
Collagenase NB1 GMP grade	reagent	SERVA Electrophoresis	N0002937	
Neutral Protease NB1 GMP grade	reagent	SERVA Electrophoresis	N0002936	
Betadine	reagent	Cardinal Health	29906-004	
Cefazolin	reagent	West-Ward Pharmaceutical	NDC 0143-9924-90	
Dithizone	reagent	Sigma-Aldrich	D5130	