

Evaluation of the Impact of a New Cooling Cell Processor System on Islet Cell Isolation Facility

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jove.com/video/65321

Materials

Name	Company	Catalog Number	Comments
Equipment			
Air particles counter	Lasair III		
AirJet XR40	SP Scientific	FTS system XR40	
Biosafety Cabinet	Thermo Scientific	EQ-1301	
Circulating Cooling Chiller	Julabo	CF30	
COBE 2991	Terumo BCT		
Conical Cooling Tray	Biorep	CCT-01	
Double jacketed gradient maker	customized in house		
KJT-Thermocouple Thermometer	Hanna Instruments	HI93551N	For measuring liquids temperature
Magnetic stirrer	Thermo Scientific	88880014	
Peristaltic pump	MasterFlex	MK-77921-79	
Thermometer	Extech Instruments	RMS 430	For COBE temperature
Waterless Bead Bath	Cole-Parmer	10122-00	
Materials and reagents			
BD stem cell enumeration kit	BD Biosciences	344563	
COBE 2911 tubing kit	Terumo BCT	90819	
Conical Tubes 250ml	Corning	430776	
Gradient density 1.1	Biochrom	L6155	
Graduated disposable bottles	Thermo fisher	382019-1000	
Human albumin 20%	Kedrion Biopharma	8091600	
M199 washing solution	Corning	99-784-CM	
Masterflex tubes	Masterflex	96400-6	
Medical Dry Air	Linde Healthcare	Medi On 22	
Pencillin-streptomycin	Gibco	15140122	
Thermoprobe	Biorep	TC-02	Thermosensor
Trypan blue	Sigma Aldrich	15250061	

University of Wisconsin Belzer (UW)	Bridge of Life	RM/N 4055	Conservation Medium
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