

Materials List for:

# Rapid Isolation And Purification Of Mitochondria For Transplantation By Tissue Dissociation And Differential Filtration

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## Materials

Name	Company	Catalog Number	Comments
Sucrose	Sigma Aldrich	84100	
HEPES	Sigma Aldrich	H4034	
EGTA	Sigma Aldrich	E4378	
Substilsin A	Sigma Aldrich	P5380	
BSA	Sigma Aldrich	A7906	
KH <sub>2</sub> PO <sub>4</sub>	Sigma Aldrich	P5379	
MgCl <sub>2</sub>	Sigma Aldrich	M8266	
NaCl	Sigma Aldrich	S6191	
KCl	Fisher Scientific	P2173	
Na <sub>2</sub> HPO <sub>4</sub>	Fisher Scientific	S374	
ATPlite Luminescence Assay System, 1,000 Assay Kit	Perkin Elmer	6016941	
50 ml Conical Tubes	BD	352098	
40 µm Nylon Filters	BD	352340	
GentleMACS C tube	Miltenyl Biotech	120-005-331	
1.5 ml Eppendorf tube	Fisher Scientific	05-408-129	
6 mm biopsy punch	Miltex	33-36	
10 µm Pluristrainer	Pluriselect	43-500-10-03	
Eppendorf Centrifuge 5415C	Marshall Scientific	EP-5415C	
GentleMACS Dissociator	Miltenyl Biotech	130-093-235	
96-well plates, tissue culture treated	VWR	82050-732	
Rotomax 120 orbital shaker	Heidolph	544-41200-00	
Synergy H4 Hybrid Multi-Mode Microplate Reader	BioTek		
Multisizer 4 Coulter Counter	Beckman Coulter	A63076	
Oxytherm System	Hansatech Instruments		
Hemocytometer	Fisher Scientific	267110	