

Materials List for:

Assessment of Cardiac Function and Energetics in Isolated Mouse Hearts Using ³¹P NMR Spectroscopy

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Materials

Name	Type	Company	Catalog Number	Comments
Magnesium Sulfate	Reagent	Sigma-Aldrich	M7506	
EDTA	Reagent	Sigma-Aldrich	E1644	
Potassium chloride	Reagent	Sigma-Aldrich	P4505	
Sodium bicarbonate	Reagent	Sigma-Aldrich	S6297	
Sodium chloride	Reagent	Sigma-Aldrich	S7653	
Calcium chloride dihydrate	Reagent	Sigma-Aldrich	C5080	
D-Glucose	Reagent	Sigma-Aldrich	G7528	
Sodium Pyruvate	Reagent	Sigma-Aldrich	P2256	
Bruker Ultrashield 600WB Plus	Equipment	Bruker Corporation		
PowerLab 4/30	Equipment	 ADInstruments	ML866/P	
LabChart 6 Pro	Equipment	 ADInstruments	MLS260/6	
Quad Bridge Amp	Equipment	 ADInstruments	ML224	
STH Pump Controller	Equipment	 ADInstruments	ML175	
Minipuls 3 Peristaltic Pump	Equipment	 ADInstruments	ML172	
Disposable BP Transducer	Equipment	 ADInstruments	MLT0699	
10mm NMR Sample Tube	Equipment	Wilmad LabGlass	513-7PP-7	
Polyethylene tubing PE10	Equipment	BD Biosciences	427401	
Physiological Pressure Transducer	Equipment	 ADInstruments	MLT844	
Polyethylene tubing PE50	Equipment	BD Biosciences	427411	
Micrometer syringe	Equipment	Gilmont Instruments	GS-1101	
McPherson Forceps	Equipment	Miltex Inc.	18-949	
Castraviejo microscissors	Equipment	Roboz Surgical Instruments Co.	RS-5650	
Neoptix Signal Conditioner	Equipment	Neoptix, Inc.	Reflex - 1	