

Materials List for:

A Method for Murine Islet Isolation and Subcapsular Kidney Transplantation

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URL: <https://www.jove.com/video/2096>

DOI: [doi:10.3791/2096](https://doi.org/10.3791/2096)

Materials

Name	Type	Company	Catalog Number	Comments
RPMI 1640	Reagent	GIBCO, by Life Technologies	31800-022	
Liberase TL	Reagent	Roche Group	05401020001	
Fetal Bovine Serum	Reagent	GIBCO, by Life Technologies	10437-028	
Histopaque1077	Reagent	Sigma-Aldrich	10771	
Penicillin Streptomycin	Reagent	GIBCO, by Life Technologies	15140	
Sodium Citrate	Reagent	Sigma-Aldrich	S4641	
Streptozotocin	Reagent	Sigma-Aldrich	S-0130	
HCl	Reagent	Fisher Scientific	A144-212	
Isoflurane	Reagent	Vedco, Inc.	ISOSOL	
Glass Capillary Tubes	Equipment	Fisher Scientific	22362574	
Insulin Syringe	Equipment	BD Biosciences	329461	
27 Gauge Syringe Needle	Equipment	BD Biosciences	305109	
Hamilton Syringe #1702	Equipment	Fisher Scientific	14813133	
10cm Petri Plates	Equipment	Fisher Scientific	0875712	
6cm Petri Plates	Equipment	Fisher Scientific	07770212	
6-0 Suture	Equipment	Ethicon Inc.	8726H	
PE 50 Flexible Tubing	Equipment	Fisher Scientific	NC9083963	
5ml Disposable Syringe	Equipment	BD Biosciences	309603	
50ml Conical Tube	Equipment	BD Biosciences	352098	
15ml Conical Tube	Equipment	BD Biosciences	352097	
0.1mm Nylon Mesh	Equipment	Fisher Scientific	22363549	
0.419mm Wire Mesh	Equipment	Newark Wire Cloth Company	0300241	
Water Bath Incubator	Equipment	Fisher Scientific	15-462-5	
Dissecting Microscope	Equipment	Carl Zeiss, Inc.	Stemi SV6	
Inverted Microscope	Equipment	Nikon Instruments	TMS	
Tissue Culture Incubator	Equipment	Napco	6300	
Dissecting Scissors	Equipment	Kent Scientific	INS14393	
McPherson-Vannas Scissors	Equipment	Kent Scientific	INS500260	
Curved Forceps	Equipment	Kent Scientific	INS15915	
Hemostatic Forceps	Equipment	Kent Scientific	INS 500451	

Isoflurane Nebulizer	Equipment	Smiths Medical	ISOTech 4 OHMEDA	
Swing Bucket Centrifuge	Equipment	Dupont – Sorvall	RT6000D	
Swing Bucket Rotor	Equipment	Dupont – Sorvall	H1000B	
pH Meter	Equipment	Mettler Toledo	09313509	
Gel Loading Tips	Equipment	Fisher Scientific	05408151	
p200 Tips	Equipment	USA Scientific, Inc.	111-0730	