

Materials List for:

Isolation, Characterization, And High Throughput Extracellular Flux Analysis of Mouse Primary Renal Tubular Epithelial Cells

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Materials

Name	Company	Catalog Number	Comments
Collagen I Rat Protein, Tail	ThermoFisher Scientific	A1048301	
Acetic Acid	J.T.Baker	9508	
Collagenase Type II	Worthington	LS004176	
PBS	Sigma	D8537	
Trypsin-EDTA (0.25%)	Gibco	25200056	
Renal Epithelial Cell Growth Medium 2 Kit	PromoCell	C-26130	
2-Deoxy glucose	Sigma	D6134	
Glucose	Sigma	G8270	
L-Carnitine	Sigma	C0283	
Etomoxir	Sigma	E-1905	
Oligomycin	Sigma	75351	
Carbonyl cyanide 4-(trifluoromethoxy) phenylhydrazone (FCCP)	Sigma	C2920	
Rotenone	Sigma	R8875	
Antimycin-A	Sigma	A8674	
Bovine Serum Albumin (BSA)	Sigma	A7030	
Sodium palmitate	Sigma	P9767	
NaCl	Sigma	S7653	
Sodium pyruvate	Sigma	P5280	
L-Glutamine 200mM solution	Sigma	G7513	
DMEM powder	Sigma	D5030-1L	
Hoechst 33342	LifeTechnologies	H3570	
Trypan Blue Staining (0.4%)	LifeTechnologies	T10282	
Counting Slides	Bio-Rad	145-0011	
Micro Dissecting Forceps	Roboz	RS-5101	
TC10 automated cell counter	Bio-Rad	506BR2119	
MINIPULS 3 Peristaltic Pump	Gilson Inc.	GM3P	
Seahorse XFe96 Analyzer	Seahorse Bioscience	S7800A	

Seahorse XFe96 FluxPack (includes sensor cartridges, microplates, and calibrant)	Seahorse Bioscience	10260-100	
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