

Materials List for:

Analysis of Non-Human Primate Pancreatic Islet Oxygen Consumption

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Materials

Name	Company	Catalog Number	Comments
Cell culture dish, 60 mm X 15 mm style	Corning	430166	
Cell-Tak Cell and Tissue Adhesive	Corning	354240	
Conical tube, 50 mL	Falcon	352070	
Dextrose anhydrous	Fisher Scientific	BP350-1	For glucose solution, 200 mg/ml, sterile filtered
Disposable reservoirs (sterile), 25 ML	Vistalab	3054-1033	for loading multichannel pipet
EZFlow Sterile 0.45 µm PES Syringe Filter, 13 mm	Foxx Life Sciences	371-3115-OEM	
L-glutamine	Gibco	25030-081	200 mM (100x)
Multichannel pipette tips	ThermoFisher Scientific	94410810	
Multichannel pipette, 15-1250 µL	ThermoFisher Scientific	4672100BT	Recommended
P20, P200, and P1000 pipettes	Eppendorf	2231000602	
pH Probe	Hanna Instruments	HI2210-01	
Pipette tips, 20 µL, 200 µL, 1000 µL	Olympus	24-404, 24-412, 24-430	
Seahorse XF Base Media	Agilent	103334-100	
Seahorse XF Cell Mito Stress Test Kit	Agilent	103015-100	Includes Oligomycin, FCCP, and Rotenone/Antimycin A
Seahorse XFe96 Analyzer	Agilent	S7800B	Including prep station with 37 °C non-CO2 incubator
Seahorse XFe96 Spheroid Fluxpak Mini	Agilent	102905-100	Includes sensor cartridge, spheroid microplate, and calibrant
Sodium bicarbonate	Fisher Scientific	BP328-500	
Sodium pyruvate	Gibco	11360-070	100 mM (100x)
Stereo Microscope	Olympus	SZX9	
Syringe (sterile), 5 mL	BD	309603	For sterile filtration
Water (sterile)	Sigma	W3500-500mL	