

Materials List for:

Basic Research in Plasma Medicine - A Throughput Approach from Liquids to Cells

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Materials

Name	Company	Catalog Number	Comments
accutase	BioLegend	423201	
amplex Ultra Red detection kit (includes horse-radish peroxidase and H2O2)	Thermo	A36006	
argon gas	Air Liquide	N50	
B16F10 murine melanoma cells	ATCC	CRL-6475	
catalase	Sigma	C30	
cell culture incubator	Binder	CB210	
cell culture plastic	NUNC	156545	
cytochrome c, oxidized	Sigma	C2037	
data analysis	GraphPad software	prism 7.03	
fetal bovine serum	Sigma		batch-tested
fine scale			any with resolution of 0.01mg
flow cytometer	Beckman-Coulter	CytoFlex S	
flow cytometry data analysis	Beckman-Coulter	Kaluza 1.5a	
Glutamine	Sigma	G7513	
imaging quantification software	PerkinElmer	Harmony 4.5	
laminar flow hood	Thermo	Maxisafe 2020	
mass flow controller	MKS	G-series	
Measure-iT nitrite detection kit	Thermo	M36051	
microscope	PerkinElmer	Operetta CLS	
optical emission spectroscopy	Avantes	AvaSpec-DDDD-2-USB2	
penicilin/streptomycin	Thermo	15140122	
pipettes	Eppendorf/Brand	single/multi chanel	
plate reader	Tecan	M200pro	
propidium iodide	BioLegend	421301	
resazurin	VWR	B21187.06	
RPMI1640 cell culture media	PanbioTech	P04-16500	
xyz table	CNC step	HIGH-Z S-400/T	