

Materials List for:

High-resolution Respirometry to Assess Mitochondrial Function in Permeabilized and Intact Cells

Siamak Djafarzadeh¹, Stephan M. Jakob¹

¹Department of Intensive Care Medicine, Inselspital, Bern University Hospital, University of Bern

Correspondence to: Siamak Djafarzadeh at siamak.djafarzadeh@insel.ch

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Materials

Name	Company	Catalog Number	Comments
ADP	Sigma	A 4386	Chemical
Antimycin A	Sigma	A 8674	Chemical, dissolve in ethanol
Ascorbate	Merck	1.00127	Chemical
BSA	Sigma	A 6003	Chemical
FCCP	Sigma	C 2920	Chemical, dissolve in ethanol
Countess automated cell counter	Thermo Fisher Scientific	n/a	Automated cell counting instrument
Cytochrome c	Sigma	C 7752	Chemical
Digitonin	Sigma	D 5628	Chemical, dissolve in DMSO
DMEM	Gibco	31966021	Medium
EGTA	fluka	3779	Chemical
FBS	Gibco	26010-074	Medium component
Glutamate	Sigma	G 1626	Chemical
Hepes	Sigma	H 7523	Chemical
KCl	Merck	1.04936	Chemical
KH ₂ PO ₄	Merck	1.04873	Chemical
K-lactobionate	Sigma	L 2398	Chemical
MgCl ₂	Sigma	M 9272	Chemical
O2k-Core: Oxygraph-2k	Oroboros Instruments	10000-02	High-resolution respirometry instrument
Oligomycin	Sigma	O 4876	Chemical, dissolve in ethanol
Penicillin-streptomycin	Gibco	15140122	Chemical
Sodium azide	Sigma	S2002	Chemical
Rotenone	Sigma	R 8875	Chemical, dissolve in ethanol
Succinate	Sigma	S 2378	Chemical
Taurine	Sigma	T 8691	Chemical
TMPD	Sigma	T 3134	Chemical
Trypsin	Sigma	T 4674	Chemical