

Materials List for:

Calorespirometry: A Powerful, Noninvasive Approach to Investigate Cellular Energy Metabolism

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Materials

Name	Company	Catalog Number	Comments
HepG2 Cells	American Type Culture Collection	HB-8065	Cells used for calorespirometry
O2k-Respirometer	Oroboros Instruments	10022-02	Respirometer
LKB 2277 thermal activity monitor (TAM)	Thermometric AB		Thermometric was purchased by TA Instruments
Sodium Pyruvate (100 mM)	Thermofisher Scientific	11360070	100x solution added to DMEM medium
Fetal Bovine Serum - Premium Select	Atlanta Biologicals	S11550	Added to 10% in DMEM medium
Trypsin-EDTA (0.25%)	Thermofisher Scientific	25200072	Cell dissociation reagent
Oligomycin from <i>Streptomyces diastatochromogenes</i>	Sigma Aldrich	O4876	Mitochondrial Inhibitor
Carbonyl cyanide 4-(trifluoromethoxy)phenylhydrazine	Sigma Aldrich	C2920	Mitochondrial Uncoupler
Corning 100 mm TC-Treated Culture Dish	Corning Corporation	430167	Tissue culture dish
Glucose, powder	Thermofisher Scientific	15023021	Glucose for DMEM medium
Galactose, powder	Fischer Scientific	BP656500	Galactose for DMEM medium
L-Glutamine (200 mM)	Thermofisher Scientific	25030081	Glutamine for DMEM medium
DMEM, no glucose	Thermofisher Scientific	11966025	Cell culture medium