

Materials List for:

MitoCeption: Transferring Isolated Human MSC Mitochondria to Glioblastoma Stem Cells

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Materials

Name	Company	Catalog Number	Comments
Mitochondria Isolation Kit for Tissue	Fisher Scientific	10579663	
N-2 Supplement (100x)	Fisher Scientific	11520536	
B-27 Supplement W/O VIT A (50x)	Fisher Scientific	11500446	
HBSS w/o Ca ²⁺ w/o Mg ²⁺	Sigma	H4385	
poly Heme	Sigma	P3932	
aMEM w/o glutamine	Ozyme	BE12-169F	
DMEM/F-12 without glutamine	Fisher Scientific	11540566	
L-Glutamine	Invitrogen	25030-024	
Glucose	Sigma	G7021	
Insuline	Sigma	I 1882	
Human bFGF	R&D Systems	233-FB-025	
Human EGF	Peptotech	AF-100-15	
Heparin	Sigma	H3149	
CaCl ₂	MERCK	2382	
Trypsine Inhibitor	Sigma	T9003	
DNase I	SIGMA	10104159001	
Trypsine 0.25% / EDTA 1 mM	Invitrogen	25200056	
Trypsin	Gibco	15090-046	
Protease inhibitors EDTA free	Sigma	4693159001	
Ciprofloxacin	Sigma	17850-5G-F	
Fungine	Invivogen	ant-fn-1	
Fungizone	ThermoFisher	15290018	
Gentamycin	Euromedex	EU0410	
MitoTracker Green FM	Molecular Probes	M7514	
MitoTracker Red CMXRos	Molecular Probes	M7512	
MitoTracker Deep Red FM	Molecular Probes	M22426	
CellTracker Green CMFDA	Molecular Probes	C7025	
CellTracker Blue CMF2HC	Molecular Probes	C12881	
RIPA	Santa Cruz	sc-24948	
FluoroDish Sterile Culture Dish	World Precision Instruments	FD35-100	
Hemocytometer	Fisher Scientific	267110	

FACS tubes	Beckman Coulter	2,523,749	
FACS apparatus	Gallios	3L 10C	
LC FAST START DNA MASTER PLUS	Roche	3515885001	