

Materials List for:

Preparation of Plasma Membrane Vesicles from Bone Marrow Mesenchymal Stem Cells for Potential Cytoplasm Replacement Therapy

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Materials

Name	Company	Catalog Number	Comments
Isopore™ membranes	Millipore	TSTP04700	3 mm pore
Disposable filter unit	Xinya, Shanghai, China	25 mm	Medical grade polypropylene
Insulin syringe	BD	328446	1 mL
pN1-EGFP	Clontech	6085-1	
MitoTracker	Molecular Probes	M7514	Green FM, 1 μM
JC-1	Beyotime, Haimen, China	C2006	10 mg/mL
CM-Dil	Beyotime, Haimen, China	C1036	10 mM
PEI	Sigma	P3143	Mn = 75,000
Fluorescence Microscope	Nikon	Eclipse TE 2000	With CCD camera
Confocal Microscope	Carl Zeiss	LSM 510 Meta	
PolyJet	SigaGen	SL100688	For cell transfection