Materials List for

Intraspinal Cavity Injection of Human Mesenchymal Stem Cells and Tracking their Migration into the Rat Brain

Hyeongseop Kim[1,2], **Seunghoon Lee**[3], **Jong Wook Chang**[1,2], **A ran Kim**[4], **Hyemin Jang**[5,6,7], **Duk L. Na**[5,6,7]

[1]Stem Cell & Regenerative Medicine Institute, Samsung Medical Center [2]Stem Cell Institute, ENCell Co. Ltd [3]Department of Neurosurgery, Samsung Medical Center, Sungkyunkwan University School of Medicine [4]Animal Research and Molecular Imaging Center, Samsung Biomedical Research Institute, Samsung Medical Center [5]Department of Neurology, Samsung Medical Center, Sungkyunkwan University School of Medicine [6]Neuroscience Center, Samsung Medical Center [7]Samsung Alzheimer Research Center, Samsung Medical Center

Corresponding Authors

Hyemin Jang
hmjang57@gmail.com

Duk L. Na
dukna@naver.com

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Materials

Name	Company	Catalog Number	Comments
0.25% Trypsin-EDTA	Gibco-invitrogen	25200114	Cell culture
Fetal bovine serum	biowest	S1520	Culture medium supplement
gentamicin	Gibco-invitrogen	15710-072	Culture medium supplement
Gentra Puregene Tissue Kit	QIAGEN	158689	gDNA isolation
MEM, no glutamine, no phenol red	Gibco	51200038	WJ-MSC fomulation for injection
Miminum Essential Medium alpha	Gibco-invitrogen	12571063	WJ-MSC culture medium
Power SYBR Green PCR Master Mix	Applied Biosystems	4368577	quantitative real time PCR reagent
QuantStudio 6 Flex Real-Time PCR System	Thermo fisher	4485694	quantitative real time PCR
trypan blue	Gibco	15250061	Injection
Vybrant DiD Cell-Labeling Solution	invitrogen	V22887	Stem cell labeling solution
Xenogen IVIS Spectrum system	Perkin Elmer	124262	Optical imaging device