

Materials List for:

Optimization of the Wound Scratch Assay to Detect Changes in Murine Mesenchymal Stromal Cell Migration After Damage by Soluble Cigarette Smoke Extract

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URL: <https://www.jove.com/video/53414>

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Materials

Name	Company	Catalog Number	Comments
DMEM (high glucose, no added glutamine)	Life Technologies	31053-036	
Fetal Bovine Serum, Thermo Scientific HyClone	Fisher Scientific	SH3091002	
Antibiotic/antimycotic, Thermo Scientific HyClone	Fisher Scientific	SV3007901	
Glutamine, 200 mM, Thermo Scientific HyClone	Fisher Scientific	SH3003401	
TypeLE cell dissociation reagent	Life Technologies	12563-01	
Dulbecco's Phosphate Buffered Saline, Thermo Scientific HyClone	Fisher Scientific	SH3002802	
Falcon standard 60 mm tissue culture dishes	Fisher Scientific	08-772B	
Fisherbrand Sterile 200 µl pipet tips	Fisher Scientific	02-707-502	
Inverted light microscope with camera attachment	Variable		
ImageJ software	http://imagej.nih.gov/ij/		
MRI_Wound_Healing plugin	http://dev.mri.cnrs.fr/projects/imagej-macros/wiki/Wound_Healing_Tool		
Statistical analysis software	Microsoft Excel		