

Materials List for

Quantitative Analysis of Cell Edge Dynamics during Cell Spreading

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Materials

Name	Company	Catalog Number	Comments
0.05% Trypsin (0.05%), 0.53 mM EDTA	Wisent Bioproducts	325-042-CL	
10.0 cm Petri Dish, Polystyrene, TC Treated, Vented	Starstedt	83.3902	
15 mL High Clarity PP Centrifuge Tube, Conical Bottom, with Dome Seal Screw Cap, Sterile	Falcon	352097	
1-Well Chamlide CMS for 22 mm x 22 mm Coverslip	Quorum Technologies	CM-S22-1	
35 mm TC-treated Easy-Grip Style Cell Culture Dish	Falcon	353001	
50 mL Centrifuge Tube, Transparent, Plug Seal	Nest	602002	
6.0 cm Cell Culture Dishes Treated for Increased Cell Attachment, Sterile	VWR	10861-658	
Arp2/3 Complex Inhibitor I, CK-666	Millipore Sigma	182515	
Camera, Prime 95B-25MM	Photometrics		
Dimethyl Sulfoxide, Sterile	BioShop	DMS666	
DMEM, 1x, 4.5 g/L Glucose, with L-Glutamine, Sodium Pyruvate and Phenol Red	Wisent Bioproducts	319-005 CL	
DMEM/F-12, HEPES, No Phenol Red	Gibco	11039021	
D-PBS, 1X	Wisent Bioproducts	311-425 CL	
Fetal Bovine Serum	Wisent Bioproducts	080-110	
Fiji Software	ImageJ		
HEPES (1 M)	Gibco	15630080	
Human Plasma Fibronectin Purified Protein 1 mg	Millipore Sigma	FC010	
Immersion Oil	Cargille	16241	
L-Glutamine Solution (200 mM)	Wisent Bioproducts	609-065-EL	

MEM Non-Essential Amino Acids Solution (100X)	Gibco	11140050	
Micro Cover Glasses, Square, No. 11/2 22 x 22 mm	VWR	CA48366-227-1	
Microscope Body, Eclipse Ti2-E	Nikon		
Objective, CFI Plan Apo Lambda 60X Oil	Nikon	MRD01605	
Penicillin-Streptomycin	Sigma	P4333	
Spinning Disk, Crest Light V2	CrestOptics		
Spyder	Anaconda		
Stage top incubator	Tokai Hit		
Statistics Software, Prism	GraphPad		
Tweezers, Style 2	Electron Microscopy Sciences	78326-42	