

Materials List for:

Concentric Gel System to Study the Biophysical Role of Matrix Microenvironment on 3D Cell Migration

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Materials

Name	Company	Catalog Number	Comments
Cell culture incubator	Fisher Scientific Pte Ltd	Model: 371, S/No 318854-6055	
Confocal microscope	Nikon A1R		Inverted confocal laser scanning microscope equipped with incubator chamber
Dulbecco's Modified Eagle's Medium (DMEM)	Life Technologies	11965-092	
Fetal Bovine Serum (FBS)	Life Technologies	10082-147	
Fluorescent CellTracker dye CMTMR	Life Technologies	C2927	
Glass-bottom dish	IWAKI Cell Biology	3931-035	35 mm diameter dish with 12 mm diameter glass-bottom well
Hemocytometer	iN CYTO	DHC-N01 (Neubauer Improved)	
Microprocessor pH meter	Hanna Instruments	pH 211	
Nutragen Collagen	Advanced BioMatrix	#5010-D	Acid-solubilized bovine collagen type I (stock pH ~ 2)
Objective lens	Nikon		CFI Super Plan Fluor ELWD ADM 20XC, W.D. 8.2-6.9mm, NA 0.45.
Penicillin-Streptomycin	Life Technologies	15140-122	
pH meter	Sartorius	S/No 29153352	Basic pH Meter PB-11
Trypsin-EDTA	Life Technologies	15400-054	