

Materials List for:

Three-dimensional Cell Culture Model for Measuring the Effects of Interstitial Fluid Flow on Tumor Cell Invasion

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Materials

Name	Company	Catalog Number	Comments
Collagen (Rat Tail)	BD Biosciences	354236	Keep sterile
Millicell cell culture insert	EMD Millipore	PI8P01250	8 µm pore diameter, polycarbonate membrane
Matrigel	BD Biosciences	354234	Keep sterile
PBS	Sigma-Aldrich	100M-8202	10x for preparing gel solution, 1x for washing steps
Sodium Hydroxide, 1.0N Solution	Sigma-Aldrich	S2770	Keep sterile
DMEM 1X	Cellgro	10-013-CV	Keep sterile
Fetal Bovine Serum	Atlanta Biologicals	511150	Keep sterile
Penicillin Streptomycin	Cellgro	30002CI	Keep sterile
Triton X-100	Sigma-Aldrich	X100-500ml	0.5% in PBS
Paraformaldehyde	Fisher Scientific	04042-500	4% in PBS
Deionized Water			Keep sterile
4',6-diaminido-2-phenylindole (DAPI)	MP Biomedicals	0215757401	1mg/ml stock solution
Mounting Solution	Thermo Fisher Scientific, Inc.	TA-030-FM	
Trypsin-EDTA	Cellgro	25-052-CI	Keep sterile