

Materials List for:

A Gradient-generating Microfluidic Device for Cell Biology

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Materials

Name	Type	Company	Catalog Number	Comments
Dextran-FITC	Reagent	Sigma-Aldrich	FD10S	Fluorescein isothiocyanate (FITC) conjugated-dextran (10kD)
hr-EGF		Invitrogen	13247-051	human recombinant Epidermal growth factor
PDMS		K.R. Anderson Co.	2065622	Poly(dimethylsiloxane) (PDMS), Dow Corning Sylgard 184 (8.6 lb)
Negative photoresist		MicroChem Corp.	SU-8 50	
Si wafer				silicone wafer, 4 inch
Petri dishes				
Polyethylene tubing		BD Biosciences	PE 20	
PBS		Invitrogen		
Fibronectin				
NIH 3T3	cell-line			fibroblast cells
Inverted microscope		Nikon Instruments	TE 2000	