

Materials List for:

Easy and Accurate Mechano-profiling on Micropost Arrays

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Materials

Name	Company	Catalog Number	Comments
T25 cell culture flasks	Nunc	156367	
1x PBS-buffer	Sigma	D8537	
0.5% Trypsin-EDTA	Life Technologies	15400054	
Medium DMEM/F12	Sigma	D8437	
FBS South America	Life Technologies	10270106	
Penicillin-Streptomycin 100x	Sigma	P4333	
15 ml centrifuge vials	Sarstedt	62.554.502	
Micropost array pre-coated with Collagen I/Fibronectin	MicroDuits	MPA-col1/FN	Micropost dimensions: $\varnothing=6.4 \mu\text{m}$, $l=18.2 \mu\text{m}$; grid= $13 \mu\text{m}$, $k_{\text{corr}}=2.87 \text{ nN}/\mu\text{m}$
Ethanol abs p.A.	Merck	100.983	
12-well plate	Nunc	150628	
Formalin solution, neutral buffered 10%	Sigma	HT5011	
Brilliant Blue G-250	Sigma	27815	Coomassie blue
Methanol ACS p.A.	Merck	1.06009	
Acetic acid	Sigma	695092	
Glass bottom dish	WillCo Wells BV	GWSb-3522	35 mm diameter, aperture 22 mm
T-100 Eclipse	Nikon	n/a	Inverted microscope
D3-L3	Nikon	n/a	Camera controller
DS Fi2	Nikon		Camera