

Materials List for

Simplified, High-throughput Analysis of Single-cell Contractility using Micropatterned Elastomers

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jove.com/video/63211

Materials

Name	Company	Catalog Number	Comments
Bladder smooth muscle cell culture	ScienCell	#4310	
Blebbistatin	Sigma-Aldrich	B0560	
Cell culture media	ThermoFisher	11765054	Ham's F12 medium supplemented with 10% FBS and 1% p/s
Cell strainer	Fisher Scientific	7201432	
Conical Tube	Fisher Scientific	05-539-13	
Culture flask	Fisher Scientific	FB012941	
Cytochalasin D	Sigma-Aldrich	C8273	
DMSO (Dimethyl sulfoxide)	Fisher Scientific	D1284	
Eppendorf tubes	Fisher Scientific	05-402-31	
Fluorescent microscope	Molecular Devices	ImageXpress Confocal	
Forcyte-manufactured 24-well plate	Forcyte Biotechnologies	24-HC4R-X1-QB12	
Hoescht 3342 Live Nuclear Stain	ThermoFisher	62249	
Phosphate Buffered Saline (PBS)	Fisher Scientific	BP39920	