

Materials List for:

Initial 3D Cell Cluster Control In A Hybrid Gel Cube Device For Repeatable Pattern Formations

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Materials

Name	Company	Catalog Number	Comments
12-well-plate	Corning Inc.	3513	
2-Methoxy-1-methylethyl Acetate	FUJIFILM Wako Pure Chemical Co.	130-10505	PGMEA, CAS: 108-65-6
4% paraformaldehyde	FUJIFILM Wako Pure Chemical Co.	161-20141	CAS: 30525-89-4
Agarose, low gelling temperature BioReagent	Sigma-Aldrich	A9414	
Alexa fluor 488 phalloidin	Thermo Fisher Scientific	A12379	
AZ1512	Merck		
BEGM bullet kit	Lonza	CC-3170	Specialized medium for NHBE cells
Bovine Serum Albumin solution (10 %)	Sigma-Aldrich	A1595	
EGM-2 bullet kit	Lonza	CC-3162	Specialized medium for endothelial cells
Lipidure	NOF co.		MPC polymer
Matrigel growth factor reduced basement membrane matrix	Corning Inc.	354230	
Normal Goat Serum (10%)	Thermo Fisher Scientific	50197Z	
Normal human bronchial epithelial cells	Lonza	CC-2541	
SILPOT 184 W/C	Dow Corning Co.	3255981	Base resin and catalyst for PDMS
SUEx D300		DJ MicroLaminates, Inc	Thick negative photoresist (thickness: 300 nm)
Triton X-100 (1%)	Thermo Fisher Scientific	HFH10	
Trypsin-EDTA (0.25%)	Thermo Fisher Scientific	25200056	
TWEEN 20	Sigma-Aldrich	P9416	