

Materials List for:

Easy Manipulation of Architectures in Protein-based Hydrogels for Cell Culture Applications

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Materials

Name	Company	Catalog Number	Comments
Phosphate Buffered Saline (PBS)	Thermo Fisher Scientific	10010023	
Dulbecco's modified Eagle's medium (high glucose)	Life Technologies / Thermo Fisher	11140-050	
Fetal Bovine Serum (FBS)	Life Technologies / Thermo Fisher	10270-106	
Penicillin-Streptomycin	Life Technologies / Thermo Fisher	15140122	
MEM Nonessential Amino Acid Solution	Sigma Aldrich	M7145-100ML	
Trypsin EDTA 0.05% Phenol Red	Thermo Fisher Scientific	25300062	
Ethanol 99.8%, vergällt	Ölfabrik Schmidt	2133	
NaCl	Carl Roth	9265.1	
Albumin Fraction V	Carl Roth	3854.2	
THPC	Sigma Aldrich	404861-100ML	Toxic
0.1% Triton X-100	Sigma Aldrich	X100-100ML	Slightly toxic
Phalloidin-rhodamine	Life Technologies / Thermo Fisher	R415	
3.7% Formaldehyde	Life Technologies / Thermo Fisher	F8775-25ML	Toxic
Rhodamine B	Sigma Aldrich	81-88-9	
Filtropur S 0.2	Sarsted Ag und Co.	2 83.1826.001	
µ slide 8 well	Ibidi GmbH	80826	
KCSSGKSRGDS peptide	UPEP Ulm	Custom synthesis	
Ethanol 99.8%, vergällt	Carl Roth	K928.5	
Falcon 5 ml Polyesterene Round-Bottom Tube	Sarsted Ag und Co.	62.547.254	
Tubes 50 ml	Sarsted Ag und Co.	62.547.254	
Tubes 1.5 ml	Sarsted Ag und Co.	72,690,001	
Tubes 2 ml	Sarsted Ag und Co.	72,691	
CELL CULTURE MICROPLATE, 96 WELL, PS, F-BOTTOM	Greiner	655073	
FreezeDryer Epsilon 1-6D,	Christ, Osterode am Harz, Germany		
Confocal Laser Scanning Microscope	Carl Zeiss AG, Oberkochen, Germany		
Zen Software Version 2012 Sp1, black edition, 407 version 8,1,0,484	Carl Zeiss AG, Oberkochen, Germany		
GSA Imaga Analyzer Software, GSA Image Analyzer, GSA, Version 419 3.8.7	GSA GmbH		