

Materials List for:

Measuring Global Cellular Matrix Metalloproteinase and Metabolic Activity in 3D Hydrogels

Abdulaziz S. Fakhouri^{1,2,3}, Jennifer L. Leight^{1,2}

¹Department of Biomedical Engineering, The Ohio State University

²The Ohio State University Comprehensive Cancer Center, Arthur G. James Cancer Hospital and Richard J. Solove Research Institute

³Biomedical Technology Department, King Saud University

Correspondence to: Jennifer L. Leight at leight.1@osu.edu

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Materials

Name	Company	Catalog Number	Comments
1X Phosphate Buffered Saline	Fisher Scientific	10-010-049	
Activated charcoal	Sigma-Aldrich	C3345	
Black round bottom 96-well plate	Brand-Tech	89093-600	
Cell adhesion peptide (CRGDS)	GenScript USA Inc.	custom made	
Collagenase enzyme type I	Life Technologies	17100-017	
Dextran	Sigma-Aldrich	D4876	
DMEM High Glucose Media	Invitrogen	11965118	
Fetal bovine serum (FBS)	Seradigm	1500-500	
Fluorescence microplate reader	BioTek	Cytation 3	
Hemocytometer	Hausser Scientific Co.	3200	
L-glutamine	Life Technologies	25030-081	
MMP-degradable peptide crosslinker (KCGPQGJ IWGQCK)	GenScript USA Inc.	custom made	
NaOH	Fisher Scientific	S318500	
Penicillin /streptomycin	Life Technologies	15140-122	
Resazurin (Alamar Blue)	Life Technologies	DAL1100	
UV light	UVP	95-0006-02	