

Materials List for:

Using Multilayered Hydrogel Bioink in Three-Dimensional Bioprinting for Homogeneous Cell Distribution

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URL: <https://www.jove.com/video/60920>

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Materials

Name	Company	Catalog Number	Comments
2-Hydroxy-4'-(2-hydroxyethoxy)-2-methylpropiophenone (PI2959)	TCI	M64BK-QD	
4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid (HEPES)	Gibco	15630080	
Dulbecco's modified Eagle's medium (DMEM)	Gibco	10569044	
fetal bovine serum (FBS)	Gibco	10091	
Gelatin	Sigma-Aldrich	V900863MSDS	
Methacrylic anhydride (MA)	Sigma-Aldrich	276685MSDS	
Penicillin–streptomycin antibiotics	Gibco	15140163	
Phosphate-buffered saline (PBS)	Gibco	10010049	
Silk fibroin	Advanced BioMatrix	5154	