

Materials List for

IDG-SW3 Cell Culture in a Three-Dimensional Extracellular Matrix

Kaizhe Chen^{*1}, Haoyi Chen^{*1}, Lianfu Deng¹, Kai Yang¹, Jin Qi¹

¹Department of Orthopedics, Shanghai Key Laboratory for Prevention and Treatment of Bone and Joint Diseases, Shanghai Institute of Traumatology and Orthopaedics, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine

* These authors contributed equally

Corresponding Authors

Lianfu Deng **Kai Yang** **Jin Qi**
 lf_deng@126.com cyan.kai@gmail.com jinjin838@hotmail.com

Citation

Chen, K., Chen, H., Deng, L., Yang, K., Qi, J. IDG-SW3 Cell Culture in a Three-Dimensional Extracellular Matrix. *J. Vis. Exp.* (201), e64507, doi:10.3791/64507 (2023).

Date Published

November 13, 2023

DOI

10.3791/64507

URL

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Materials

Name	Company	Catalog Number	Comments
0.25% Trypsin-ethylenediaminetetraacetic acid	Hyclone	SH30042.01	
15 mL tubes	Corning, NY, USA	430791	
7.5% (w/v) Sodium bicarbonate	Sigma-Aldrich, MO, USA	S8761	
ascorbic acid	Sigma-Aldrich, MO, USA	A4544	
Collagen I	Thermo Fisher Scientific	A10483-01	
fetal bovine serum	Thermo Fisher Scientific	10099141	
homogenizer	BiHeng Biotechnology, Shanghai, China	SKSI	
laser confocal fluorescence microscopy	Carl Zeiss, Oberkochen, Germany	LSM 800	
Live/Dead Cell Imaging kit	Thermo Fisher Scientific	R37601	
Matrigel matrix	Corning, NY, USA	356234	
MEM (10X), no glutamine	Thermo Fisher Scientific	21430079	
paraformaldehyde	Sigma-Aldrich, MO, USA	158127	
phosphate buffered saline	Hyclone	SH30256.FS	
stereo microscope	Carl Zeiss, Oberkochen, Germany	Zeiss Axio ZOOM.V16	
Trizol	Thermo Fisher Scientific	15596026	
X-ray fluorescence	EDAX, USA	EAGLE III	
β-glycerophosphate	Sigma-Aldrich, MO, USA	G9422	