

Materials List for:

Culture of Macrophage Colony-stimulating Factor Differentiated Human Monocyte-derived Macrophages

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URL: <https://www.jove.com/video/54244>

DOI: [doi:10.3791/54244](https://doi.org/10.3791/54244)

Materials

Name	Company	Catalog Number	Comments
Cellbind 12-well culture plate	Corning	3336	
CELLSTAR, T-75 flask, tissue culture treated	Greiner Bio-One North America	658157	
RPMI 1640 culture medium	Cellgro Mediatech	15-040-CM	warmed to 37 °C
L-Glutamine	Cellgro Mediatech	25-005-CI	
Fetal bovine serum	Gibco	16000-036	
M-CSF	PeptoTech	300-25	
GM-CSF	PeptoTech	300-03	
IL-10	PeptoTech	200-10	
DMSO	Sigma	D2650	
Cryovial	Thermo Scientific	375418	
DPBS without Ca ²⁺ and Mg ²⁺	Corning cellgro	21-031-CV	
0.25% Trypsin-EDTA	Gibco	25200-056	
50 ml polypropylene conical tube	Falcon	352070	
Trypan Blue	Lonza	17-942E	
Neubauer-improved bright light hemocytometer	Paul Marienfeld GmbH & Co. KG	610031	http://www.marienfeld-superior.com/index.php/counting-chambers/articles/counting-chambers.html
CoolCell LX cell freezing container	BioCision	BCS-405	other freezing containers also should be adequate for this step
Liquid Nitrogen Storage System, CryoPlus 1	Thermo Scientific	7400	any liquid nitrogen tank should be adequate