

Materials List for

Mesenchymal Stem Cell Regulation of Macrophage Phagocytosis; Quantitation and Imaging

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Citation

Evans, J.F., Ricigliano, A.E., Morante, A.V., Martinez, E., Vargas, D., Thyagaraj, J. Mesenchymal Stem Cell Regulation of Macrophage Phagocytosis; Quantitation and Imaging. *J. Vis. Exp.* (173), e62729, doi:10.3791/62729 (2021).

Date Published

July 16, 2021

DOI

10.3791/62729

URL

jove.com/video/62729

Materials

Name	Company	Catalog Number	Comments
96 Well Black Polystyrene Microplate	MilliporeSigma	CLS3603-48EA	
0.4% trypan blue solution	MilliporeSigma	T8154-20ML	
15 mL and 50 mL Conical Sterile Polypropylene Centrifuge Tubes	ThermoFisher	339653	
4-well Chambered Coverglass w/ non-removable wells	ThermoFisher	155382PK	
Antibiotic-Antimycotic (100X) Gibco	ThermoFisher	15240096	
Axiobserver 7 Imaging System	Zeiss		
Bovine Serum Albumin (BSA)	MilliporeSigma	A8806-1G	
Cell lifter	MilliporeSigma	CLS3008-100EA	
Culture flasks, tissue culture treated, surface area 75 cm ² , canted neck, with cap, filtered	MilliporeSigma	C7231-120EA	
D1 ORL UVA [D1]	ATCC	CRL-12424	Mouse MSC Cell Line
DMEM, High Glucose	ThermoFisher	11965092	
Fetal Bovine Serum, qualified, heat inactivated	ThermoFisher	16140071	
Hemocytometer	FisherScientific	02-671-51B	
I-11.15	ATCC	CRL-2470	Mouse MΦ Cell Line
LADMAC Cell Line	ATCC	CRL-2420	LADMAC cells secrete the growth factor colony stimulating factor 1 (CSF-1).
Live-Cell Imaging solution	ThermoFisher	A14291DJ	
PBS, pH 7.4	ThermoFisher	10010031	
pHrodo Green Zymosan Bioparticles Conjugate	ThermoFisher	P35365	
Recombinant Murine IFN-γ	Preprotech	315-05	
Spectramax i3X	Molecular Devices		
Sterile Single Use Vacuum Filter Units, 250 mL, 0.2 μm	ThermoFisher	568-0020	

Sterile syringe filters, 0.2 micrometer	ThermoFisher	723-2520	
Tissue-culture treated culture dishes, 100 mm x 20 mm	MilliporeSigma	CLS430167-100EA	
Trypsin-EDTA (0.05%), phenol red	ThermoFisher	25300054	