

Materials List for:

Time-Lapse 2D Imaging of Phagocytic Activity in M1 Macrophage-4T1 Mouse Mammary Carcinoma Cells in Co-cultures

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URL: <https://www.jove.com/video/60281>

DOI: [doi:10.3791/60281](https://doi.org/10.3791/60281)

Materials

Name	Company	Catalog Number	Comments
Anti-INOS antibody conjugated FITC	Miltenyi Biotec	REA982	150 µg in 1 mL
Carboxyfluorescein succinimidyl ester (CFSE)	Invitrogen	C1157	25 mg
DAPI (4',6-Diamidino-2-Phenylindole, Dihydrochloride)	Invitrogen	D1306	10 mg
DMEM/high glucose	HyClone	SH30003.04	670.0 g
Fetal bovine serum	Tico Europe	FBSEU500	500 mL
Lipopolysaccharides	Sigma	L4516-1MG	1 mg
Mouse recombinant interferon-gamma	Stemcell Technologies	78021	100 µg
Penicillin-streptomycin solution	Cellgro	30-003-CI	100 mL
Phosphate buffered saline	Sigma-Aldrich	P5368-10PAK	10 pack
Trypsin EDTA	Cellgro	25-052-CI	1X, 100 mL
1000 µL pipette tips	WhiteBox	WB-301-01-052	5000 tips/case
2 mL serological pipette	JET BIOFIL	GSP012002	Non-pyrogenic
200 µL pipette tips	WhiteBox	WB-301-02-302	20,000 tps/case
25 cm ² cell culture flask	Corning	CLS430639	Tissue culture treated
Bench top centrifuge	Dynamica	FA15C	Model: Velocity 14R
Biological safety fume hood	Nuaire	NU-565-400	Model: Home/ LabGard® ES TE NU-565 Class II, Type B2 Biosafety Fume Hood
CO ₂ /air mixer	Chamlide (Live Cell Instrument)	FC-R-20	FC-5 (CO ₂ /Air Mixer) with the flow meter
Cell scraper	NEST	710001	220 mm
CO ₂ cell incubator	Panasonic	N/A	Model: MCO-19M(UV)
Confocal microscope	Nikon Instruments Inc.	N/A	Nikon Ti-Eclipse
Glass bottom dish	Ibidi	81218-200	35 mm
NIS elements software	Nikon Instruments Inc.	Available online download	
Pipette controller	CappAid	PA-100	CappController pipette controller, 0.1-100ml
Thermostat	Shinko	Discontinued	JCS-33A 48 x 48 x 96.5mm