

Materials List for:

# Harvesting Murine Alveolar Macrophages and Evaluating Cellular Activation Induced by Polyanhydride Nanoparticles

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## Materials

Name	Company	Catalog Number	Comments
<b>cAM Media</b>			
DMEM	Cellgro	15-013-CV	
50 mM 2-mercapt-ethanol	Sigma-Aldrich	M3148-25ML	
Penicillin/Streptomycin 10,000 µg/mL Solution	Cellgro	30-002-CI	
Fetal Bovine Serum	Atlanta Biologicals	S11150	
<b>FACS Buffer</b>			
Sodium chloride	Fisher Scientific	S671-500	
Sodium phosphate	Fisher Scientific	MK7868500	
Potassium chloride	Fisher Scientific	P217500	
Potassium phosphate	Fisher Scientific	P288-200	
BSA (Bovine Serum Albumin)	Sigma-Aldrich	A7888	
Sodium Azide	Sigma-Aldrich	S2002	
<b>Antibodies</b>			
Rat IgG	Sigma-Aldrich	I4341	
Anti-Ms CD16/32	eBioscience	16-0161	
Anti-Ms MHC II haplotype I-A/I-E, clone M5/114.15.2, conjugated to fluorescein isothiocyanate (FITC)	eBioscience	11-5321	
Anti-mouse CD86, clone GL-1, conjugated to allophycocyanin (APC)-Cy7	Biolegend	105030	
Anti-mouse CD40, clone 1C10, conjugated to APC	eBioscience	17-0401	
Anti-mouse CD209, clone 5H10, conjugated to Biotin	eBioscience	13-2091	
Anti-mouse CD11b, clone M1/70, conjugated to Alexa Fluor 700	eBioscience	56-0112	
Anti-mouse F4/80, clone BM8, conjugated to phycoerythrin (PE)-Cy7	eBioscience	25-4801	
PE-Texas red conjugated Streptavidin	BD Biosciences	551487	
<b>Other Supplies and Reagents</b>			
Ethanol	Fisher Scientific	A405-20	Used as 70% (v/v)
Compressed CO <sub>2</sub>	Linweld	16000060	
1 mL Syringe	BD Biosciences	309659	

Sovereign 3 1/2" Fr Tom Catcatheter	Kendall	703021	
Biosafety Cabinet	NUAIRE	Series 22	
Dissection Scissors	Fisher Scientific	138082	
Forceps	Roboz Surgical Instruments Co.	RS-8254	
PBS, 1X without calcium and magnesium	Cellgro	21-040-CM	
15 mL Centrifuge Tubes with Screw Cap	VWR international	21008-216	
Six-well Tissue Culture Treated Plates	Costar	3516	
Plastic Tube Racks	Nalge Nunc international	5970	
Cell Scraper 24 cm	Techno Plastic Products	99002	
5 mL Polystyrene Round-Bottom Tube	Falcon BD	352008	
Pipet-aid XL	Drummond Scientific	4-000-105	
10, 5, and 2 mL Pipettes	Fisher Scientific	13-675	
200 and 10 µL micropipettors	Gilson Pipetman	F123601	
200 and 10 µL pipette tips	Fisher Scientific	02-707	
BD Stabilizing Fixative	BD Biosciences	338036	
Isoton II Diluent	Beckman Coulter Inc.	8546719	
Zap-oglobin II Lytic Reagent	Beckman Coulter Inc.	7546138	
Coulter Counter Polystyrene Vials	Beckman Coulter Inc.	14310-684	
Test Tubes	BD Biosciences	352008	
<b>Equipment</b>			
Refrigerated Centrifuge	Labnet International	50075040	
Humidified Incubator CO <sub>2</sub>	Nuaire	Model Autoflow 8500	
FACSCanto Flow Cytometer	BD Biosciences	338960	
Coulter Particle Counter Z1	Beckman Coulter Inc.	WS-Z1DUALPC	
Sonicator Liquid Processing Equipment with Microtip	Misonix	Model No. S-4000	