

Materials List for:

# Isolation and *In Vitro* Culture of Murine and Human Alveolar Macrophages

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## Materials

Name	Company	Catalog Number	Comments
Non-enzymatic cell dissociating solution	Millipore-Sigma	C5789	
Puralube Vet Ointment	Dechra	620300	
22G Catheter	Terumo Medical Products	SR-OX2225CA	
4-0 Non-absorbable silk braided suture	Kent Scientific	SUT-15-2	
Dulbecco's phosphate buffered saline	Corning	21-031-CM	
Mouse Fc block	BD Biosciences	553142	
Lysis buffer (PureLink RNA Kit)	Thermo Fisher Scientific	12183018A	
b-Mercaptoethanol	Millipore-Sigma	M6250	
FACSAria II cell sorter	BD Biosciences	644832	
Ketamine (Ketathesia)	Henry Schein	56344	
Xylazine (AnaSed)	Akorn	139-236	
RPMI 1640	Corning	10-040-CM	
DMEM	Corning	10-017-CM	
Liberase TL	Millipore-Sigma	5401020001	
DNase I	Millipore-Sigma	AMPD1-1KT	
100µm cell strainer	Corning	352360	
Human Fc block	BD Biosciences	564220	
EDTA	Corning	46-034-CI	
Countess II Automated Cell Counter	Thermo Fisher Scientific	AMQAX1000	
Trypan Blue Solution	Thermo Fisher Scientific	15250061	
HEPES	Corning	25-060-CI	
Fetal Bovine Serum	Atlanta Biologicals	S11150H	
L-929 cell line	American Type Culture Collection	ATCC, CCL-1	
Penicillin/Streptomycin	Corning	30-002-CI	
Sodium Pyruvate	Corning	25-000-CI	
T25 Tissue culture flask	Thermo Fisher Scientific	156367	
60 mm culture dish	Millipore-Sigma	CLS3261	
15 mL Conical tube	Corning	352097	
50 mL Conical tube	Corning	352098	
LSRFortessa cell analyzer	BD Biosciences	657669	
FlowJo	FlowJo	v10.4	Analysis Software
Anti-CD45 (Mouse)	Biolegend	147709	Clone I3/2.3, FITC conjugated

Anti-CD11b (Mouse)	Biolegend	101228	Clone M1/70, PerCP/Cy5.5 conjugated
Anti-CD11c (Mouse)	BD Biosciences	565452	Clone N418, BV 421 conjugated
Anti-I-Ab (Mouse)	Biolegend	116420	Clone AF6-120.1, PE/Cy7 conjugated
Anti-Siglec-F (Mouse)	BD Biosciences	562757	Clone E50-2440, PE-CF594 conjugated
Anti-Siglec-H (Mouse)	Biolegend	129605	Clone 551, PE conjugated
Anti-F4/80 (Mouse)	Biolegend	123118	Clone BM8, APC/Cy7 conjugated
Anti-Ly-6C (Mouse)	Biolegend	128035	Clone HK1.4, BV605 conjugated
Anti-CD64 (Mouse)	Biolegend	139311	Clone X54-5/7.1, BV711 conjugated
Anti-CD24 (Mouse)	BD Biosciences	563115	Clone M1/69, BV510 conjugated
Anti-CD103 (Mouse)	BD Biosciences	745305	Clone OX-62, BV650 conjugated
Anti-CD317 (Mouse)	Biolegend	127015	Clone 927, APC conjugated
Anti-CXCR1 (Mouse)	Biolegend	149029	Clone SA011F11, BV785 conjugated
Anti-CD45 (Human)	Biolegend	304017	Clone HI30, AF488 conjugated
Anti-CD11b (Human)	Biolegend	101216	Clone M1/70, PE/Cy7 conjugated
Anti-HLA-DR (Human)	Biolegend	307618	Clone L243, APC/Cy7 conjugated
Anti-CD169 (Human)	Biolegend	346008	Clone 7-239, APC conjugated
Anti-CD206 (Human)	Biolegend	321106	Clone 15-2, PE conjugated
Anti-CD163 (Human)	Biolegend	333612	Clone GHI/61, BV421 conjugated