

Materials List for:

Isolation and Intravenous Injection of Murine Bone Marrow Derived Monocytes

Martin Wagner¹, Helen Koester¹, Christian Deffge¹, Soenke Weinert¹, Johannes Lauf¹, Alexander Francke², Jerry Lee³, R. C. Braun- Dullaes¹, Joerg Herold¹

¹Department for Cardiology, Angiology and Pneumology, Otto von Guericke University Magdeburg

²Herzzentrum Dresden, Universitätsklinikum an der Technischen Universität Dresden, Technische Universität Dresden

³Department of Public Health and Primary Care, University of Cambridge

Correspondence to: Joerg Herold at joerg.herold@med.ovgu.de

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Materials

Name	Company	Catalog Number	Comments
6-well-ultra-low-attachment plate	Corning Incorporated, NY, USA		6-well-ultra-low-attachment plate, with cap, sterile
8- 12 week old, male, balb/c mice	Charles River, Sulzfeld, Germany		
96-well-plate	Greiner bio one GmbH, Frickenhausen, Germany		
Blue dead cell stain	Life technologies GmbH, Darmstadt, Germany		
Bovine serum albumine	GE Healthcare, Freiburg, Germany		Fraction V, pH 7.0
Canules	B. Braun, Melsungen AG, Melsungen, Germany		28G, 30G
CD115	eBioscience, San Diego, USA	12-1152	
CD11b	eBioscience, San Diego, USA	53-0112	
Cell culture dish	Greiner Bio-One GmbH, Frickenhausen, Germany		With cap, steril
Centrifuge	Beckman Coulter GmbH, Krefeld, Germany		Allegra® X-15R centrifuge
Depilatory cream	Veet, Mannheim, Germany		
Disinfection agent	Schülke&Mayr GmbH, Norderstedt, Germany		Kodan Tinktur forte
Disposable scalpel No.10	Feather safety razor Co.Ltd, Osaka, Japan		
EDTA	Sigma Aldrich, Hamburg, Germany		
Ethanol 96%	Otto Fischar GmbH und Co KG, Saarbrücken, Germany		
Extraction unit Pipetus	Hirschmann Laborgeräte GmbH & Co.KG, Eberstadt, Germany		
F4/80	AbD Serotec, Düsseldorf, Germany	MCA497APC	
FACS buffer	Manufactured by our group with single components		PBS, 0.5% BSA, 0.1% NaN ₃
FACS device	Becton, Dickinson and Company, Franklyn Lakes, New Jersey, USA		BD FACS Canto II
FACS tubes	Becton, Dickinson and Company, Franklyn Lakes, New Jersey, USA		
Falcon® pipette	Becton Dickenson Labware, NY, USA		
Fetal calf serum	Sigma Aldrich, Hamburg, Germany		
Fine forceps	Rubis, Stabio, Switzerland		

Gloves	Rösner-Matby Meditrade GmbH, Kiefersfelden, Germany		
Gr1	eBioscience, San Diego, USA	53-5931	
Heating plate	Labotect GmbH, Göttingen, Germany		Hot Plate 062
Incubator	Ewald Innovationstechnik GmbH, Bad Nenndorf, Germany		Incu safe
Isofluran	Baxter Deutschland GmbH, Unterschleißheim, Germany		
Light microscope	Carl Zeiss SMT GmbH, Oberkochen, Germany		Axiovert 40 °C
Macrophage-Colony Stimulating Factor	Sigma Aldrich, Hamburg, Germany	SRP3110	
Mechanical shaker	IKA, Staufen, Germany		ms2 minishaker
Medium 199	PAA Laboratories GmbH, Pasching, Austria		Warm in 37 °C water bath before use
Micro test tubes	Eppendorf AG, Hamburg, Germany		
Microbiological work bench	Thermo Electron, LED GmbH, Langenselbold, Germany		Hera safe
Monocyte wash buffer	Manufactured by our group with single components		PBS, 0.5% BSA, 2 mM EDTA
Mouse restrainer	Various		
NaCl	Berlin Chemie AG, Berlin, Germany		
NaN ₃ (sodium azide)	Sigma Aldrich, Hamburg, Germany		
Neubauer counting chamber	Paul Marienfeld GmbH und Co.KG, Lauda-Königshofen, Germany		
Nylon cellsieve	Becton, Dickinson and Company, Franklyn Lakes, New Jersey, USA		Cell strainer, 70 µm mesh size
Penicillin/Streptomycin	Sigma Aldrich, Hamburg, Germany		
Phosphate buffered saline	Life technologies GmbH, Darmstadt, Germany		pH 7.4, sterile
Pipettes	Eppendorf AG, Hamburg, Germany		10µl/100µl/200µl/1,000µl
Pipetting heads	Eppendorf AG, Hamburg, Germany		
Serological pipette	Greiner Bio-One GmbH, Frickenhausen, Germany		Cellstar 5 ml, 10 ml
Suction unit	Integra bioscience, Fernwald, Germany		Vacusaft comfort
Surgical scissors	World Precision Instruments, Inc., Sarasota, USA		
Syringe	B. Braun, Melsungen AG, Melsungen, Germany		1 ml Omnifix® -F insuline syringe
Tubes with cap	Greiner bio one GmbH, Frickenhausen, Germany		15 ml/50 ml Cellstar tubes
Warm water bath	Julabo Labortechnik GmbH, Seelbach, Germany		Julabo SW22