

Materials List for:

# Noninvasive Assessment of Cardiac Abnormalities in Experimental Autoimmune Myocarditis by Magnetic Resonance Microscopy Imaging in the Mouse

Chandrasegaran Massilamany<sup>\*1</sup>, Vahid Khalilzad-Sharghi<sup>\*2</sup>, Arunakumar Gangaplara<sup>1</sup>, David Steffen<sup>1</sup>, Shadi F. Othman<sup>2</sup>, Jay Reddy<sup>1</sup>

<sup>1</sup>School of Veterinary Medicine and Biomedical Sciences, University of Nebraska-Lincoln

<sup>2</sup>Department of Biological Systems Engineering, University of Nebraska-Lincoln

\*These authors contributed equally

Correspondence to: Shadi F. Othman at [othman@unl.edu](mailto:othman@unl.edu), Jay Reddy at [jayreddy@unl.edu](mailto:jayreddy@unl.edu)

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## Materials

Name	Company	Catalog Number	Comments
Myhc-a 334-352 (DSAFDVLSTAEKAGVYK)	Neopeptide, Cambridge, MA		Store at 4 °C
CFA	Sigma Aldrich, St Louis, MO	5881	Store at 4 °C
MTB H37Rv extract	Difco Laboratories, Detroit, MI	231141	Store at 4 °C
PT	List Biologicals Laboratories, Campbell, CA	181	Store at 4 °C
1x PBS	Corning, Manassas, VA	21-040-CV	Store at 4 °C
Isoflurane	Piramal Healthcare, Mumbai, India	NDC66794-013-25	
Female A/J mice	Jackson Laboratories, Bar Harbor, ME	646	
Luer-lok sterile 1 ml syringe	BD, Franklin Lakes, NJ	309628	
Luer-lok sterile 3 ml syringe	BD, Franklin Lakes, NJ	309657	
Sterile needle, 18 G	BD, Franklin Lakes, NJ	305195	
Sterile needle, 27 1/2 G	BD, Franklin Lakes, NJ	305109	
3-way stopcock	Smiths Medical ASD, Inc. Dublin, OH	MX5311L	
Kerlix gauze bandage rolls	Covidien, Mansfield, MA	6720	
Kimwipes	Kimberly-Clark Professional, Roswell, GA	34155	
Protouch Stockinette	Medline Industries, Mundelein, IL	30-1001	
Sterile surgical scissors and forceps	INOX tool Corporation		
Micro oven	GE Healthcare,		
ThermiPAQ hot and cold therapy system	Theramix Corporation, Springfield, IL		
Reptile heating lamp	Energy Savers Unlimited, Inc. Carson, CA		
3M Transpore tapes	Target Corporation, MN		
Up and Up Polymyxin B sulfate/Bacitracin/Neomycin sulfate antibiotic ointment	Target Corporation, MN		
North Safety DeciDamp-2PVC foam ear plugs	North Safety Products, Smithfield, RI		
Cotton tipped applicator, 6" wooden stem	Jorgensen Laboratories, Inc. Loveland, CO		

Anesthesia induction chamber	Summit Anesthesia Solutions, Ann Harbor, MI		
Summit Anesthesia Support system for regulating flow of anesthesia	Summit Anesthesia Solutions, Ann Harbor, MI		
Specially designed animal holder	Agilent Technologies, Santa Clara, CA		
Bickford Omnicon F/Air anesthesia gas filter unit	A.M. Bickford, Inc. Wales Center, NY		
Pulse-oximeter module, MR compatible small animal monitoring and gating system	Small Animal Instruments, Inc. Stony Brook, NY		
Oxygen cylinder	Matheson-Tri Gas, North-Central Zone, Lincoln, NE		
Gas regulator	Western Medica, West Lake, OH		
Signal breaking module, MR compatible small animal monitoring and gating system	Small Animal Instruments, Inc. Stony Brook, NY		
9.4 T (400 MHz) 89 mm vertical core bore MR scanner	Agilent Technologies, Santa Clara, CA		
4 cm millipede micro-imaging RF coil	Agilent Technologies, Santa Clara, CA		
SAM PC monitor	Small Animal Instruments, Inc. Stony Brook, NY		
Quantitative Medical Image analysis software	<a href="http://segment.heiberg.se">http://segment.heiberg.se</a> ; Segment v1.8 R1430, Medviso, Oresunds region, Sweden		
Matlab software	The Mathworks, Inc. Natick, MA		
Computer-Unix operating system			