

Materials List for:

In Situ Detection of Autoreactive CD4 T Cells in Brain and Heart Using Major Histocompatibility Complex Class II Dextramers

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Materials

Name	Company	Catalog Number	Comments
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
Female A/J mice	Jackson Laboratories, Bar Harbor, ME	646	
Female SJL/J mice	Jackson Laboratories, Bar Harbor, ME	686	
Leur-lok sterile 1 ml syringe	BD, Franklin Lakes, NJ	309628	
Leur-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	
Agarose, Low Melting Point, Analytical Grade	Promega corporation, Madison, WI	V2111	
Immunopure normal goat serum	Thermo Scientific, Waltham, MA	31873	Store at -20 °C
Anti-mouse CD4 conjugated with PE dye	eBioscience, San Diego, CA	12004185	Store at 4 °C
Paraformaldehyde	Electron Microscopy Sciences, Hatfield, PA	19202	Store at 4 °C
Faramount Aqueous Mounting Medium	Dako, Carpinteria, CA	10073021	
Conical tube (15 ml)	BD Biosciences, San Jose, CA	352099	
Conical tube (50 ml)	BD Biosciences, San Jose, CA	352070	
24-well flat bottomed tissue culture plates	BD Biosciences, San Jose, CA	356775	
Water color #2 brushes	Charles Leonard, Inc. Hauppauge, NY	73502	
Plain Microscope slides, size: 3" x 1" x 1.2 mm	Fisher Scientific, Pittsburgh, PA	1255010	
Premium Cover glass, 22 x 22-1	Fisher Scientific, Pittsburgh, PA	12548B	

Disposable deep base mold histology cassettes	Laboratory prodcust, Rochester, NY	M-475-10	
Loctite Super glue	Henkel Corporation, Westlake, OH	1471879	
Razor blades	Gillette SuperSilver		
Myhc-a 334-352 (DSAFDVLSTAEKAGVYK)	Neopeptide, Cambridge, MA		Store at 4 °C
PLP 139-151 (HSLGKWLGHDPKF)	Neopeptide, Cambridge, MA		Store at 4 °C
MHC class II/IA ^s PLP 139-151 or TMEV 70-86 dextramers conjugated with APC dye			Store at 4 °C
MHC class II/IA ^k Myhc 334-352 or RNase 40-56 dextramers conjugated with APC dye			Store at 4 °C
Dextran conjugated SA-APC	Immudex, Copenhagen, Demark		Store at 4 °C
Sterile surgical scissors and forceps	INOX tool Corporation		
Micro oven	GE Healthcare, Pittsuburgh, PA		
Leica VT 1200 Vibratome	Leica Microsystems, Inc. Buffalo Grove, IL		
Olympus BX 60 Laser scanning confocal microscope	Olympus America, Inc. Center Valley, PA		
Nikon A1-Eclipse 90i confocal microscope	Nikon Inc. Melville, NY		