

Materials List for:

Induction of Paralysis and Visual System Injury in Mice by T Cells Specific for Neuromyelitis Optica Autoantigen Aquaporin-4

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URL: <https://www.jove.com/video/56185>

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Materials

Name	Company	Catalog Number	Comments
<i>M. tuberculosis</i> H37Ra	BD Difco	231141	Dessicated, killed <i>M. tuberculosis</i>
Incomplete Freund's Adjuvant	BD Difco	263910	
AQP4 peptide p135-153	Genemed	Custom Synthesis	Peptide sequence: LVTPPSVVGGLGVTMVHGN
AQP4 peptide p201-220	Genemed	Custom Synthesis	Peptide sequence: HLFAINYTGASMNPARSFGP
MOG peptide p35-55	Genemed / Auspep	Custom Synthesis	Peptide sequence: MEVGWYRSPFSRVVHLYRNGK
3-way Stopcock	Kimble	420163-4503	
HyClone Fetal Bovine Serum (Characterized)	GE Healthcare Life Sciences	SH30071	
Recombinant Mouse IL-23	R&D Systems (BioTechne)	1887-ML	
Recombinant Mouse IL-6	R&D Systems (BioTechne)	406-ML	
Recombinant Mouse IL-12	R&D Systems (BioTechne)	419-ML	
Thymidine [Methyl- ³ H]	PerkinElmer	NET027	
Glass Fiber Filtermats	PerkinElmer	1450-421	
Anti-mouse antibodies	eBioscience (Affymetrix)	[various]	
Anti-mouse TCR Vβ Screening Panel	BD Biosciences	557004	
LIVE/DEAD Fixable Dead Cell Stain	ThermoFisher Scientific	[various]	
Paraformaldehyde (16%)	Electron Microscopy Sciences	15710	
Fixation/Permeabilization Solution Kit with GolgiPlug	BD Biosciences	555028	
Phorbol 12-myristate 13-acetate (PMA)	Sigma-Aldrich	P8139	
Ionomycin (calcium salt)	Sigma-Aldrich	I0634	
Pertussis Toxin from <i>B. pertussis</i>	List Biological Laboratories	181	
10% Formalin	VWR	89370-094	
Variable-Flow Peristaltic Pump	Fisher Scientific	13-876-2	
Foam Biopsy Pads, Rectangular	Fisher Scientific	22-038-221	
Isothesia (isoflurane, USP)	Henry Schein Animal Health	050033	NDC : 11695-0500-2

Tropicamide Ophthalmic Solution, USP (1%)	Akorn		NDC: 17478-102-12
Spectralis Diagnostic Imaging Platform	Heidelberg Engineering		