

# Quantification of Autoreactive Antibodies in Mice upon Experimental Autoimmune Encephalomyelitis

 Jonathan J. Carver<sup>1</sup>, Alessandro Didonna<sup>1</sup>
<sup>1</sup>Department of Anatomy and Cell Biology, Brody School of Medicine, East Carolina University

## Corresponding Author

 Alessandro Didonna  
 didonnaal21@ecu.edu

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jove.com/video/66218

## Materials

Name	Company	Catalog Number	Comments
1 mL syringes	BD Biosciences	309628	
1.5 mL microcentrifuge tubes	Fisher	05-408-129	
25 G needles	BD Biosciences	305122	
3,3',5,5'-tetramethylbenzidine (TMB) substrate	Thermo Fisher	N301	Store at 4 °C
Adhesive seals	Thermo Fisher	AB0558	
Bovine serum albumin (BSA)	Sigma	A7906	Store at 4 °C
C57BL/6J female mice	The Jackson Laboratory	000664	Animals between 8-10 weeks of age should be used for EAE experiments
Cryogenic tubes	Fisher	10-500-25	
Dissection tray	Fisher	S111022	
Dissector scissors	Fine Science Tools	14082-09	
ELISA coating buffer	BioLegend	421701	Store at 4°C
Excel software	Microsoft		Analysis spreadsheet
Forceps	Fine Science Tools	11152-10	
Goat Anti-Mouse IgG, Human ads-HRP	SouthernBiotech	1030-05	Store at 4 °C
LED light source	Fisher	AMPSILED21	
Microplate reader	Fisher	14-377-575	
Molecular biology grade water	Corning	46-000-CI	
Mouse MOG35-55 peptide	EZBiolab	cp7203	Store at -80 °C
Multichannel pipette	Axygen	AP-12-200-P	
Noyes spring scissors	Fine Science Tools	15011-12	
Nunc MaxiSorp 96-well plates	BioLegend	423501	
Orbital shaker	Fisher	88-861-023	
Oven	VWR	445-0024	
Phosphate buffer saline (PBS)	Thermo Fisher	14190144	
Refrigerated tabletop centrifuge	Thermo Fisher	75002441	

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Stop solution	Thermo Fisher	N600	
Tween 20	Bio-Rad	1706531	