

Materials List for

A Rapid, Simple, and Standardized Homogenization Method to Prepare Antigen/Adjuvant Emulsions for Inducing Experimental Autoimmune Encephalomyelitis

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Materials

Name	Company	Catalog Number	Comments
1 mL Injection syringe	B. Braun	9166017V	
1 mL Injection syringe	Sigma-Aldrich	Z683531	
7 ml empty tubes with caps	Bertin-Instruments	P000944LYSK0A.0	7 mL tube
50 mL sterile centrifuge tube	Fisher Scientific	10788561	50 mL tube
<i>Bordetella pertussis</i> toxin	Sigma-Aldrich	P2980	Store at -20 °C
Dispersant, light mineral oil	Sigma-Aldrich	M8410	Store at RT
Emulsion kit	Bertin-Instruments	D34200.10 ea	Containing a tube, cap, and plunger
Incomplete Freund's Adjuvant	Sigma-Aldrich	F5506	Store at +4 °C
<i>Mycobacterium tuberculosis</i> , H37RA	Fisher Scientific	DF3114-33-8	Store at +4 °C
Mastersizer 2000	Malvern Panalytical	N/A	Particle size analyzer
Minilys-Personal homogenizer	Bertin-Instruments	P000673-MLYS0-A	Shaking homogenizer
MOG 35-55 Peptide	Innovagen	N/A	
Montanide ISA 51 VG	Seppic	36362Z	FDA-approved oil adjuvant
Pall Acrodisc Syringe Filters 0.2 µm	Fisher Scientific	17124381	Sterlie filter
PBS, Ca ²⁺ /Mg ²⁺ free	Thermo Fisher Scientific	14190144	PBS
Phase-Contrast Microscope	Olympus	BX40-B	
Steel Beads 3.2 mm	Fisher Scientific	NC0445832	Autoclave and store at RT
Triton X-100	Sigma-Aldrich	648463	Store at RT