

**Materials List for:**

***In Vitro* Phagocytosis of Myelin Debris by Bone Marrow-Derived Macrophages**

Alyssa J Rolfe<sup>1</sup>, Dale B Bosco<sup>1</sup>, Erynn N Broussard<sup>1</sup>, Yi Ren<sup>1</sup>

<sup>1</sup>Department of Biomedical Sciences, College of Medicine, Florida State University

Correspondence to: Yi Ren at [yi.ren@med.fsu.edu](mailto:yi.ren@med.fsu.edu)

URL: <https://www.jove.com/video/56322>

DOI: [doi:10.3791/56322](https://doi.org/10.3791/56322)

**Materials**

Name	Company	Catalog Number	Comments
DMEM	GE Healthcare Life Sciences	SH30243.01	High glucose with L-glutamine, sodium pyruvate
Penicillin-Streptomycin Solution	Corning	30-002-CI	100X Solution
New Born Calf Serum (NCS)	Rocky Mountain Biologics	NBS-BBT-5XM	United States Origin
NCTC clone 929 [L cell, L-929, derivative of Strain L]	ATCC	CCL-1	L929 Cell Line of Conditioned Media Preparation
24-well Cell Culture Plates	VWR	10062-896	
Cell Culture Dish	Greiner Bio-One	639960	Polystyrene, 145/20mm
CFSE Cell Proliferation Kit	Thermo Fisher	C34570	DMSO for Reconstitution Provided
Fluoro-gel with Tris Buffer	Electron Microscopy Sciences	17985-11	
Oil Red O	Sigma Aldrich	O0625	
<b>Equipment</b>			
<b>Materials</b>	<b>Company</b>	<b>Catalog Number</b>	<b>Comments</b>
Ultracentrifuge Tubes	Beckman Coulter	326823	Thinwall, Polypropylene, 38.5 mL, 25 x 89 mm
SW 32 Ti Ultracentrifuge Rotor	Beckman Coulter	369650	SW 32 Ti Rotor, Swinging Bucket, Titanium
Hand Held Rotary Homogenizer	Fisher Science	08-451-71	