

Materials List for:

Quantitative Assessment of Immune Cells in the Injured Spinal Cord Tissue by Flow Cytometry: a Novel Use for a Cell Purification Method

Hal X. Nguyen^{1,2,3,4}, Kevin D. Beck⁵, Aileen J. Anderson^{1,2,3,4,6}

¹Institute for Memory Impairments and Neurological Disorders, University of California

²Physical Medicine & Rehabilitation, University of California

³Anatomy & Neurobiology, University of California

⁴Sue and Bill Gross Stem Cell Research Center, University of California

⁵Section of Molecular Biology, University of California

⁶Reeve-Irvine Research Center, University of California

Correspondence to: Hal X. Nguyen at hnguyen@uci.edu, Aileen J. Anderson at aja@uci.edu

URL: <https://www.jove.com/video/2698>

DOI: [doi:10.3791/2698](https://doi.org/10.3791/2698)

Materials

Name	Company	Catalog Number	Comments
OptiPrep	Fisher Scientific	NC9182490	
HBSS	Sigma-Aldrich	H1387	
Rabbit anti-rat PMN (FITC)	Accurate Chemical & Scientific Corporation	AIFAD51140	
Mouse anti-rat ED1 (Alexa Fluor 488)	AbD Serotec	MCA341A488	
Mouse anti-rat CD3 (FITC)	AbD Serotec	MCA772F	
Trypsin	Sigma-Aldrich	T9935	
Collagenase	Sigma-Aldrich	C5138	
DME	Sigma-Aldrich	D1152	
MOUSE IgG1 (Alexa Fluor 488)	AbD Serotec	MCA1209A488	
Fetal bovine serum	Hyclone	SH30070.03	
Rabbit serum	Jackson ImmunoResearch	011-000-120011-000-120	
Mouse serum	Jackson ImmunoResearch	015-000-120	
Cell Strainer	BD Biosciences	352340	