

Materials List for:

Triggering Reactive Gliosis *In Vivo* by a Forebrain Stab Injury

R. Vivian Allahyari¹, A. Denise R. Garcia¹

¹Department of Biology, Drexel University

Correspondence to: A. Denise R. Garcia at adg82@drexel.edu

URL: <https://www.jove.com/video/52825>

DOI: [doi:10.3791/52825](https://doi.org/10.3791/52825)

Materials

Name	Company	Catalog Number	Comments
Stereotax	Harvard Apparatus	726049	
High speed micro drill	Harvard Apparatus	724950	
stainless steel scalpel blade, #11	MedVet	JOR581S	
5/45 angled forceps	Fine Science Tools	11251-35	
Gelfoam sponge 12 cm x 7 mm	Fisher	NC9841478	
Rb anti-GFAP	DAKO	Z033429-2	Dilution - 1:20,000 (bright-field); 1:1,000 (fluorescence)
Shp anti-BrdU	Abcam	ab1893	Dilution - 1:20,000 (bright-field); 1:500 (fluorescence)
Biotinylated goat anti-rabbit	Vector Laboratories	BA-1000	Dilution - 1:400 (bright-field)
Biotinylated rabbit anti-sheep	Vector Laboratories	BA-6000	Dilution - 1:400 (bright-field)
Alexafluor 488 goat anti-rabbit	Life Technologies	A-11008	Dilution - 1:400 (bright-field)
Alexafluor 568 donkey anti-sheep	Life Technologies	A-21099	Dilution - 1:1,000 (fluorescence)
DAPI Nucleic Acid Stain	Life Technologies	D3571	Dilution - 1:1,000 (fluorescence)
Cresyl Violet Acetate	Sigma Aldrich	C5042-10G	Dilution - 1% (bright-field)