

Materials List for:

Stereotactic Atlas-Guided Laser Capture Microdissection of Brain Regions Affected by Traumatic Injury

Harris A. Weisz^{*1}, Deborah R. Boone^{*1}, Stacy L. Sell¹, Helen L. Hellmich¹

¹Department of Anesthesiology, University of Texas Medical Branch

*These authors contributed equally

Correspondence to: Helen L. Hellmich at hellmic@utmb.edu

URL: <https://www.jove.com/video/56134>

DOI: [doi:10.3791/56134](https://doi.org/10.3791/56134)

Materials

Name	Company	Catalog Number	Comments
Arcturus Laser Capture Microdissection System	Applied Biosystems (Life Technologies)		
Agilent 2100 Bioanalyzer	Agilent Technologies	G2939AA	
Agilent 6000 Pico Kit	Agilent Technologies	5067-1513	
Arcturus PEN Membrane Glass Slides	Applied Biosystems (Life Technologies)	LCM0522	
Capture LCM caps	Applied Biosystems (Life Technologies)	LCM0211/LCM0214	
Cresyl Violet Acetate	Sigma-Aldrich	C5042-10G	
Xylene (Histological grade)	Fisher Scientific	X3P-1GAL	
Ethanol 200 proof (Histological grade)	UTMB Pharmacy		
RNAqueous Micro- Kit	Life Technologies (Ambion)	AM1931	
Taqman Gene Expression Primer/ Probes	Applied Biosystems (Life Technologies)	4331182	
Taqman microRNA Expression Primer/Probes	Applied Biosystems (Life Technologies)	A25576	
Lightcycler 96 System	Roche		