

Materials List for:

Oxygen-Glucose Deprivation and Reoxygenation as an *In Vitro* Ischemia-Reperfusion Injury Model for Studying Blood-Brain Barrier Dysfunction

Himakarnika Alluri^{1,2}, Chinchusha Anasooya Shaji², Matthew L. Davis^{1,2}, Binu Tharakan^{1,2}

¹Department of Surgery, Texas A&M University Health Science Center College of Medicine

²Department of Surgery, Baylor Scott & White Health

Correspondence to: Binu Tharakan at BTHARAKAN@sw.org

URL: <https://www.jove.com/video/52699>

DOI: [doi:10.3791/52699](https://doi.org/10.3791/52699)

Materials

Name	Company	Catalog Number	Comments
Proox model 110	Biospherix	Model 110	
DMEM, no glucose	Gibco, Life technologies	11966-025	
Rhodamine Phalloidin	Life technologies	R415	
ZO-1 Rabbit Polyclonal Antibody	Life technologies	617300	
Nunc Lab Tek II-CC 8 well sterile, glass slides	Thermo scientific	177402	
FITC-tagged anti-rabbit secondary antibody	Santa cruz	sc-2090	
DPBS 1X	Thermo scientific	SH 30028.03	Any other PBS available can be used