

Materials List for:

**3-D Imaging and Analysis of Neurons Infected *In Vivo* with *Toxoplasma gondii***

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**Materials**

Name	Company	Catalog Number	Comments
Vibratome Series 1000 Sectioning System	Technical Products International, Inc.		Other vibratomes are compatible
Glycerol	Fisher Scientific	BP229-1	
Tween-20	Fisher Scientific	BP337-500	
Premium Slides	Fisher Scientific	12-544-2	
#1.5 Coverslips	VWR	48393 251	
Diamond Scriber	VWR	52865-005	
Zeiss LSM 510 Meta confocal microscope	Zeiss	LSM 510	
Ketaject® Ketamine HCl Inj., USP 100 mg/ml	Western Medical Supply, Inc.	4165	
AnaSed® Injection Xylazine 20 mg/ml	Lloyd Inc.		
ZsGreen Mice	Jackson Laboratories	7906	B6.Cg-Gt(ROSA)26Sortm6(CAG-ZsGreen1)Hze/J
Surgical equipment			Thumb forceps; Fine scissors-angled to side, sharp-sharp; Sharp-sharp scissors; Kelly hemostats; Mayo scissors; Micro spatula.
Human Foreskin Fibroblasts (HFF) cells			These are primary cells from human foreskins. We make these in-house but they may be purchased from outside vendors.
Dulbecco's High Glucose Modified Eagles Medium (DMEM)	HyClone	SH30081.01	
Penicillin Streptomycin Solution, 100x	Corning	30-002-CI	
200 mM L-alanyl-L-glutamine	Corning	25-015-CI	
25 cm <sup>2</sup> Canted neck flask	Fisher Scientific	1012639	
Phosphate-Buffered Saline, 1x Without Calcium and Magnesium	VWR	45000-446	
Phosphate-Buffered Saline, 10x, USP Sterile Ultra Pure Grade	amresco	K813-500ml	
Fetal Bovine Serum	Gibco	26140-079	
Bright-Line Hemocytometer	Sigma-aldrich	Z359629-1EA	
Mouse Brain Slicer Matrix	Zivic Instruments	BSMAS005-1	
Sodium Chloride	Fisher Scientific	BP358-1	
Heparin sodium salt from porcine intestinal mucosa	Sigma-aldrich	H3393-100KU	

Paraformaldehyde	Fisher Scientific	O4042-500	
20 ml Disposable Scintillation Vials	Fisher Scientific	FS74500-20	
Alcohol, Ethyl, 95%, 190 Proof	In-house	17212945	This product is purchased from an in-house stockroom. Other companies are compatible.
Imaris Software	Bitplane		
Clear nail polish			Other brands are compatible
10 ml Syringe with Luer-Lok	VWR	BD309604	Other syringes are compatible
Three-way Stopcock			Any brand is compatible
Hypodermic needle			Any brand is compatible - used to pin down mouse.
Cell Scraper			Any brand is compatible
25 G x 12" Tubing, Safety Blood Collection Set, with Luer Adapter	Greiner Bio-One	450099	Other brands are compatible