

Materials List for:

Simple Elimination of Background Fluorescence in Formalin-Fixed Human Brain Tissue for Immunofluorescence Microscopy

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Materials

Name	Company	Catalog Number	Comments
Trizma Base	Sigma-Aldrich	T6066	
Sodium Chloride	Sigma-Aldrich	S7653	
Hydrochloric Acid	Caledon Laboratory Chemicals	1506656	
Sodium Azide	BioShop Canada	SAZ001	
100 mm x 100 mm x 20 mm Pitri dish	Sarstedt	82.9923.422	All components of photobleacher can be substituted based on availability
6 W LED Dimmable Desk Lamp	DBPower	DS501	All components of photobleacher can be substituted based on availability
Citric Acid	Sigma-Aldrich	C-2404	
Ethylenediaminetetraacetic acid (EDTA)	BioShop Canada	EDT001	
Tween 20	Sigma-Aldrich	P-7949	
Sodium Hydroxide	BioShop Canada	SHY700.1	
Water bath	Haake Fisons	K15	
Slide collector	FisherScientific	12-587-17B	
Staining Jar	FisherScientific	E94	
Orbital Shaker	Bellco Glass	7744-08115	
Triton X-100	Sigma-Aldrich	T7878	
Bovine Serum Albumin	FisherScientific	BP1600-1	
Normal Goat Serum	Aurion	905.002	
Hydrophobic pen	Sigma-Aldrich	Z672548-1EA	
Phospho-Tau (Ser202, Thr205) Monoclonal Antibody (AT8)	ThermoFisher	MN1020	
Goat anti-Mouse Secondary Antibody, Texas Red-X	ThermoFisher	T862	
Goat anti-Mouse Secondary Antibody, Alexa Fluor 488	ThermoFisher	A-11029	
DAPI	Sigma-Aldrich	D9542	
Mounting medium	ThermoScientific	28-600-42	
Glass coverslip			
Confocal Microscope	Zeiss	LSM710	
Imaging software ZEN 2012 Black Edition 11.0	Zeiss	LSM710	Software accompanies the Confocal Microscope

ImageJ	NIH		https://imagej.nih.gov/ij/download.html
RGB Profile Tools macro	NIH		https://imagej.nih.gov/ij/macros/tools/RGBProfilesTool.txt
Commercial chemical quencher	Biotum	23007	