

Materials List for:

Assessing Phagocytic Clearance of Cell Death in Experimental Stroke by Ligatable Fluorescent Probes

Candace L. Minchew^{1,2}, Vladimir V. Didenko^{1,2}

¹Baylor College of Medicine

²Michael E. DeBakey Veterans Affairs Medical Center

Correspondence to: Vladimir V. Didenko at vdidenko@bcm.edu

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Materials

Name	Company	Catalog Number	Comments
Xylene	JT Baker	9490-22	
Ethanol			
Proteinase K	Roche	3115879001	
PBS Buffer	Invitrogen	AM9624	
Vaccinia Topoisomerase I	Vivid Technologies		5 pmol/μl stock
12-Base Overhang Suicide Oligonucleotide	IDT DNA		5'-AAG GGA CCT GCB GCA GGT CCC TTG ATA CGA TTC TA -3'; B – Biotin-dT; 100 pmol/μl stock in ddH ₂ O
Adapter Oligonucleotide	IDT DNA		5'-TAG AAT CGT ATC-3'; 100 pmol/μl stock in ddH ₂ O
1 M Tris-HCl, PH 7.4	Lonza	51237	
TSA, Fluorescein System	PerkinElmer	NEL701A001KT	
1 M NaCl			
DMSO	Sigma		
Tween-20	Sigma	P9416-50ML	
Vectashield with DAPI	Vector Laboratories	H-1200	
Coverslips			22 x 22 mm or 22 x 40 mm glass or plastic coverslips. Plastic coverslips are preferable during the reaction, as they are easier to remove from the section.
Rat Brain Sections			Rat brain taken 48 hr after reproduction of ischemic stroke as described in Didenko <i>et al</i> ¹¹ . 5-6 μm-thick sections cut from paraformaldehyde-fixed, paraffin-embedded tissue blocks. Use charged and precleaned slides.
Inverted Microscope	Olympus		
Digital Video camera and software	Micromax		
Software	Metamorph		