

Materials List for:

# Immunohistochemical Detection of 5-Methylcytosine and 5-Hydroxymethylcytosine in Developing and Postmitotic Mouse Retina

Ratnesh K. Singh<sup>1</sup>, Pablo E. Diaz<sup>1</sup>, François Binette<sup>1</sup>, Igor O. Nasonkin<sup>1</sup>

<sup>1</sup>BioTime, Inc

Correspondence to: Ratnesh K. Singh at [rsingh@biotimeinc.com](mailto:rsingh@biotimeinc.com), Igor O. Nasonkin at [inasonkin@biotimeinc.com](mailto:inasonkin@biotimeinc.com)

URL: <https://www.jove.com/video/58274>

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## Materials

Name	Company	Catalog Number	Comments
<b>Supplies</b>			
29G1/2 ULTRA-FINE	BD Biosciences	329461	
Ophthalmic scissor	Fine Science tools, Inc.	15000-03	
PAP pen	RPICORP.com	195505	
Microslide Superfrost plus	VWR	48311-703	
<b>Reagent</b>			
Paraformaldehyde	Electron Microscope Science	15710	
1x PBS	Corning	21-031-CV	
Sucrose	Sigma	S9378	
Tissue-Tek Optical cutting compound (OCT)	VWR	4583	
Triton X 100	Sigma	T9284	
6 N HCl	VWR analytical	BDH7204-1	
Tris-HCl pH 8.3	Teknova	T1083	
Goat serum	Jackson ImmunoResearch	005-000-121	
5mC	Genway Biotech	GWB-BD5190	
5hmC	Active Motif	39791	
LaminB1	Abcam	Ab16048	
Cy2 AffiniPure Goat Ant-Rabbit IgG	Jackson ImmunoResearch	111-225-1444	
Cy3 AffiniPure Goat Ant-Mouse IgG	Jackson ImmunoResearch	115-585-166	
DAPI	Thermo Fisher Scientific	D1306	
Prolong Gold Antifade medium	Thermo Fisher Scientific	P36930	
<b>Equipment</b>			
MICRM HM 550	Thermo Fisher Scientific	388114	
Confocal microscope	Zeiss		