

Materials List for:

# Improved Swiss-rolling Technique for Intestinal Tissue Preparation for Immunohistochemical and Immunofluorescent Analyses

Agnieszka B. Bialkowska<sup>1</sup>, Amr M. Ghaleb<sup>1</sup>, Mandayam O. Nandan<sup>1</sup>, Vincent W. Yang<sup>1,2</sup>

<sup>1</sup>Department of Medicine, Stony Brook University School of Medicine

<sup>2</sup>Department of Physiology & Biophysics, Stony Brook University School of Medicine

\*These authors contributed equally

Correspondence to: Vincent W. Yang at [vincent.yang@stonybrookmedicine.edu](mailto:vincent.yang@stonybrookmedicine.edu)

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## Materials

Name	Company	Catalog Number	Comments
Stainless Steel Dissecting Kits	VWR	25640-002	
Decloaking Chamber	Biocare Medical	DC2012	
Syringe 10 ml	VWR	89215-218	
Swingsette Tissue embedding/processing cassette with lid	Simport	M515	
Superfrost Plus Slides [size: 25 x 75 x 1 mm]	VWR	48311-703	
Manual Slide Staining Set	Tissue-Tek/Sakura	4451	
Staining Dish Green	Tissue-Tek/Sakura	4456	
Staining Dish White	Tissue-Tek/Sakura	4457	
24-Slide Slide Holder with Detachable Handle	Tissue-Tek/Sakura	4465	
Oven	Thermo Scientific	6243	for baking slides at 65 degree
Dissection microscope	Zeiss	Stemi 2000C	
Fluorescence Microscope	Nikon	Eclipse 90i	Bright and fluorescent light, with objectives: 10X, 20X
PAP Pen Super-Liquid Blocker Mini	Fisher Scientific	DAI-PAP-S-M	
Ethanol 200 proof	AAPR	111000200	
Methanol	VWR	BDH1135-4LP	
Glacial acetic acid	AAPR	281000ACS	
Xylene	Fisher Scientific	X5P-1GAL	
Hydrogen peroxide 25% solution in water	ACROS	202465000	
10% buffered formalin	Fisher Scientific	22-026-213	
Bovine serum fraction V, heat shock	Roche	3116956001	
Tween 20	Sigma Aldrich	P7949	
Sodium citrate	Fisher Scientific	S279	
Gavage needle	VWR	20068-624	
Rabbit anti Klf5 antibody	Santa Cruz Biotechnology	sc-22797	Dilution 1:150
Chicken anti EGFP antibody	Millipore	AB16901	Dilution 1:500
Rabbit anti Ki67 antibody	Biocare Medical	CRM325B	Dilution 1:500
Mach3 rabbit AP polymer detection kit	Biocare Medical	M3R533L	

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Warp red chromogen kit	Biocare Medical	WR806 H	
Lgr5-EGFP/CreER <sup>T2</sup> mice	Jackson labs	008875	
Automated processor	Leica	Leica TP1020	