

Materials List for:

Correlative Light- and Electron Microscopy Using Quantum Dot Nanoparticles

Murray C. Killingsworth^{1,2,3,4}, Yuri V. Bobryshev^{3,4,5}

¹South Western Sydney Clinical School, Faculty of Medicine, University of New South Wales Australia

²School of Medicine, Western Sydney University

³Correlative Microscopy Group, Ingham Institute for Applied Medical Research

⁴Electron Microscopy Laboratory, Department of Anatomical Pathology, Sydney South West Pathology Service, New South Wales Health Pathology

⁵School of Medical Sciences, Faculty of Medicine, University of New South Wales Australia

Correspondence to: Murray C. Killingsworth at murray.killingsworth@sswahs.nsw.gov.au

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Materials

Name	Company	Catalog Number	Comments
Sodium cacodylate	Proscitech	C0205	Harmful chemical
Osmium tetroxide	Proscitech	C010	Use only in fume hood
Uranyl acetate	Univar-Ajax	569	Hazardous chemical
Ethanol 100%	Fronine	JJ008	
Acetone 100%	Fronine	JJ006	
ERL 4221	Proscitech	C056	
DER 732	Proscitech	C047	
NSA	Proscitech	C059	
DMAE	Proscitech	C050	
Sodium metaperiodate	Analar BDH	10259	
anti-somatostatin antibody	Dako	A0566	
Antibody diluent	Dako	S3022	
Qdot 585 Streptavidin Conjugate	Invitrogen	Q10113MP	
Biotinylated goat anti-rabbit IgG antibody	Sigma	B7389-1ML	
Glutaraldehyde 50%	EMS	16320	
Normal goat serum	Invitrogen	PCN5000	
PBS "Dulbecco A"	Oxoid	BR0014G	
BSAc (10%)	Aurion	900.022	
Parafilm	Pechiney PP	M	
pH indicator strips (pH 2.0 - 9.0)	Merck	1.09584.0001	
Micromoulds	Proscitech	RL063	
Diamond knife	Diatome	Ultra 45	
Transmission electron microscope	FEI	Morgagni 268D	
Fluorescence light microscope	Carl Zeiss	Axioscope A1	
Grids 300 mesh nickel (thin bar)	Agar Scientific	G2740N	
Ultramicrotome	RMC	Powertome	
TEM camera control software	Soft Imaging System	AnalySIS	Version 3.0
Image processing software	Adobe Systems Incorporated	Photoshop CS2	