

Materials List for

High-Speed Human Temporal Bone Sectioning for the Assessment of COVID-19-Associated Middle Ear Pathology

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jove.com/video/64012

Materials

Name	Company	Catalog Number	Comments
Anti-ACE-2 Antibody (1:50 applied dilution)	Novus Biologicals	SN0754	
Anti-Furin Antibody (1:250 dilution)	Abcam	EPR 14674	
Anti-TMPRSS2 Antibody (1:1,000 dilution)	Novus Biologicals	NBP1-20984	
BX43 Manual System Microscope	Olympus Life Science Solutions		
CBN/Diamond Hybrid Wafering Blade	Pace Technologies	WB-007GP	
Collin Mallet - 8"	Surgical Mart	SM1517	
DS-Fi3 Microscope Camera	Nikon		
Dual Endogenous Enzyme Block (commercial blocking solution)	Dako	S2003	
Eosin Stain	Sigma-Aldrich	548-24-3	
Formalin solution, neutral buffered 10%	Sigma-Aldrich	HT501128	
Formical-4 Decalcifier (formic acid decalcifying solution)	StatLab	1214-1 GAL	
Hematoxylin Stain	Sigma-Aldrich	H9627	
HRP-Conjugated Anti-Rabbit Secondary Antibody (1:100 dilution)	Leica Biosystems	PV6119	
ImmPRESS HRP Horse Anti-Goat IgG Detection Kit, Peroxidase (1:100 dilution)	Vector Laboratories	MP-7405	
Lambotte Osteotome	Surgical Mart	SM1553	
Metallographic PICO 155P Precision Saw	Pace Technologies	PICO 155P	microsaw
NIS Elements Software Version 4.6	Nikon		
Paraplast Plus	Sigma-Aldrich	P3683	paraffin

Positive Charged Microscope Slides with White Frosted End	Walter Products	1140B15	
Thermo Shandon Crytome FSE Cryostat Microtome	New Life Scientific Inc.	A78900104	cryotome
Triology Pretreatment Solution (commercial pretreatment solution)	Sigma-Aldrich	920P-05	
Xylene	Sigma-Aldrich	920P-05	