

Materials List for:

Ratiometric Imaging of Extracellular pH in Dental Biofilms

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URL: <https://www.jove.com/video/53622>

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Materials

Name	Company	Catalog Number	Comments
Zeiss LSM 510 META	Zeiss	N/A	
C-Apochromat 63X water immersion objective	Zeiss	N/A	
XL Incubator	PeCON	N/A	
SNARF-4F 5-(and-6)-Carboxylic Acid	Life Technologies	S23920	
Dimethyl sulfoxide	Life Technologies	D12345	
HEPES	Life Technologies	11344-041	
Costar 96-well black clear-bottom plate	Fisher Scientific	07-200-567	
Custom-made glass slabs (4 x 4 x 1 mm ³ ; 1,200 grit)	Menzel	N/A	
Alginate impression material	GC Corporation	N/A	
Acrylic Adjusting Logic Sets/set of acrylic dental burs	Axis Dental	LS-906	
Orthodontic retainer containers	Spark Medical Equipment Co., Ltd	SK-WDTC01	
Sticky wax	Dentsply	N/A	
Chewing paraffin wax	Ivoclar Vivadent AG	N/A	
Dithiothreitol	Sigma Aldrich	D0632	Used during preparation of salivary solution
0.45 µm and 0.2 µm syringe filters	Sigma Aldrich	CLS431220; CLS431219	
daime	University of Vienna, Austria	http://dome.csb.univie.ac.at/daime	
ImageJ	NIH, Bethesda, Maryland, USA	http://imagej.nih.gov/ij/	