

Materials List for

3-D Time-Lapse Imaging of Cell Wall Dynamics Using Calcofluor in the Moss *Physcomitrium patens*

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jove.com/video/64651

Materials

Name	Company	Catalog Number	Comments
3-mm-thick red plastic light filter	Mitsubishi	no.102	
27 mm diameter glass base dish	Iwaki	3930-035	
Agar	Sigma	A6924	
Calcofluor white	Sigma	18909-100ML-F	Calcofluor White M2R, 1 g/L and Evans blue, 0.5 g/L
Confocal microscope	Nikon	A1	NIS element software; .nd2 file in NIS-elements Viewer, download from https://www.microscope.healthcare.nikon.com/en_AOM/products/software/nis-elements/viewer
Fluorescence microscope	Nikon	TE200	Equipped with a DS-U3 camera;
Gellan gum	Nacali Tesque	12389-96	
Plant Growth Chambers	SANYO	Sanyo MLR-350H	
Sterilized syringe 0.22 μm filter	Millipore	SLGV033RS	