

Materials List for

Autofluorescence Imaging to Evaluate Red Algae Physiology

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jove.com/video/64533

Materials

Name	Company	Catalog Number	Comments
μ-Dish 35 mm, high Glass Bottom	Ibidi	81158	-
24 black well plate	Ibidi	82406	flat and clear bottom for high throughput microscopy
Algae Incubator	Panasonic	MLR-352-PE	
Confocal laser scanning microscope	Leica Microsystems	SP8 TCS	-
Flask	Fisher Scientific	15380591	Can be purchased in a local convenience store or online stores.
green filter	PNTA, LEE filters	-	Can be purchased in a local convenience store or online stores.
HC PL APO 63X/1.30 GLYC CORR CS2	Leica Microsystems	506353	Glycerol immersion lens
Image acquisition software. LAS X	Leica Microsystems	SP8 TCS	-
Light source	Panasonic	FL40SSENW/37MLR-352-PE	
Quantum photoradiometer	DeltaOhm	DO 9721	-
R software	R Core Team, 2020	4.0.2.	-
red filter	PNTA, LEE filters	-	Can be purchased in a local convenience store or online stores.
SWES medium	University of Murcia	-	-
Type G Immersion liquid	Leica Microsystems	11513910	Glycerol