

Materials List for

Rectal Organoid Morphology Analysis (ROMA): A Diagnostic Assay in Cystic Fibrosis

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jove.com/video/63818

Materials

Name	Company	Catalog Number	Comments
1.5 mL microcentrifuge tubes	Sorenson	17040	
15 mL conical tubes	VWR	525-0605	
24 well plates	Corning	3526	
96 well plates	Greiner	655101	
Brightfield microscope	Zeiss	Axiovert 40C	
Centrifuge	Eppendorf	5702	
CO ₂ incubator	Binder	CB160	
Computer	Hewlett-Packard	Z240	
Confocal microscope	Zeiss	LSM 800	
Laminar flow hood	Thermo Fisher	51025413	
Material for organoid culture as detailed in previous protocol ¹⁰			
Micropipettes (20, 200, and 1000 µL)	Eppendorf	3123000039, 3123000055, 3123000063	
Microsoft Excel	Microsoft	Microsoft Excel 2019 MSO 64-bit	Spreadsheet software
NIS-Elements Advanced Research Analysis Imaging Software	Nikon	v.5.02.00	Imaging software
Pipette tips (20, 200, and 1000 µL)	Greiner	774288, 775353, 750288	
Zeiss Zen Blue software	Zeiss	v2.6	Imaging software