

Materials List for

Decellularization-Based Quantification of Skeletal Muscle Fatty Infiltration

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jove.com/video/65461

Materials

Name	Company	Catalog Number	Comments
0.22 µm Syringe Filter	Fisher Scientific	SLGP033RS	
1 mL LuerLock Syringes	Fisher Scientific	14823434	
12 mm Coverslips	Fisher Scientific	12545F	
12 well plates	Fisher Scientific	08-772-29	
24 well plates	Fisher Scientific	08-772-1H	
2-Propanol (Isopropanol)	Sigma Aldrich	I9516	0.5 mg/mL stock solution can be stored at room temperature for 1 month. Working solution must be made fresh.
37% Formaldehyde Solution	Sigma Aldrich	8187081000	
40 µm Mesh Filter	Fisher Scientific	87711	
6 well plates	Fisher Scientific	08-772-1B	
96 well plates	Fisher Scientific	08-772-2C	
BODIPY 493/503	Fisher Scientific	D-3922	
C57BL/6J Mice	Jackson Laboratory	000664	
Confocal Imaging Dish	VWR	734-2905	
Confocal Microscope	Leica	TCS SPEII	
Dissecting/stereo Microscope	Zeiss	4107009123001000	
Dissection scissors	Fine Science Tools	14060-09	
Dumont #5 forceps	Fine Science Tools	11254-20	
Ethanol	Fisher Scientific	033361.K2	
ImageJ	NIH		
Matlab	Mathworks		
Oil Red O Powder	Sigma Aldrich	O0625	
Plate reader	Bio-tek	Synergy II	
Rocker/Shaker	Reliable Scientific	55D	
Sodium Dodecyl Sulfate (SDS)	Sigma Aldrich	L3771	1% Solution can be stored at room temperature for 1 month
Transfer pipettes	Fisher Scientific	137119D	

Vannas spring scissors	Fine Science Tools	15000-00	
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