

Materials List for

Isolation of Quiescent Stem Cell Populations from Individual Skeletal Muscles

Zofija Frimand^{*1}, Shubhangi Das Barman^{*1}, Troels Rønn Kjær¹, Ermelinda Porpiglia¹, Antoine de Morrée¹

¹Department of Biomedicine, Aarhus University

*These authors contributed equally

Corresponding Author

Antoine de Morrée

demorree@biomed.au.dk

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Materials

Name	Company	Catalog Number	Comments
1.5 mL tube(PCR performance tested, PP, 30,000 xg, DNA/DNase-/RNase-free, Low DNA binding, Sterile)	Sarstedt AG & Co. KG, Hounisen Laboratorieudstyr A/S	72.706.700	1.5 mL tube
15 mL tube (PP/HD-PE, 20,000 xg, IVD/CE, IATA, DNA/DNase-/RNase-free, Non-cytotoxic, pyrogen free, Sterile)	Sarstedt AG & Co. KG, Hounisen Laboratorieudstyr A/S	62.554.502	15 mL tube
5 mL polystyrene round-bottom tube	Falcon, Fisher Scientific	352054	FACS tube without strainer cap
5 mL polystyrene Round-bottom tube with cell-strainer cap	Falcon, Fisher Scientific	352235	FACS tube with strainer cap
5 mL tube (PP, non sterile autoclavable)	VWR collection	525.0946	5 mL tube
50 mL tube(PP/HD-PE, 20,000 xg, IVD/CE, ADR, DNA/DNase-/RNase-free, non-cytotoxic, pyrogen free, Sterile)	Sarstedt AG & Co. KG, Hounisen Laboratorieudstyr A/S	62.547.254	50 mL tube
Alexa Fluor 555 Donkey anti-rabbit IgG (H+L)	Invitrogen, Thermo Fisher	Lot: 2387458 (Cat # A31572)	
Alexa Fluor 647 donkey-anti mouse IgG (H+L)	Invitrogen, Thermo Fisher	Lot: 2420713 (Cat#A31571)	
ARIA 3	BD		FACS, Core facility Aarhus University
Centrifuge 5810	eppendorf	EP022628188	Centrifuge
Click-iT EdU Cell Proliferation Kit for Imaging, Alexa Fluor 488 dye	Invitrogen, Thermo Fisher	Lot: 2387287 (Cat# C10337)	Cell Proliferation Kit
Collagen from calf-skin	Bioreagent, Sigma Aldrich	Source: SLCK6209 (Cat# C8919)	
Collagenase type II	Worthington, Fisher Scientific	Lot: 40H20248 (cat# L5004177)	Collagenase
Dispase	Gibco, Fisher Scientific	Lot: 2309415 (cat# 17105-041)	Dispase
Donkey serum (non-sterile)	Sigma Aldrich, Merck	Lot: 2826455 (Cat# S30-100mL)	
Dumont nr. 5, 110 mm	Dumont, Hounisen Laboratorieudstyr A/S	1606.327	Straight forceps with fine tips

Dumont nr. 7, 115 mm	Dumont, Hounisen Laboratorieudstyr A/S	1606.335	Curved forceps
F-10 Nutrient mixture (Ham) (1x), +L-glutamine	Gibco, Fisher Scientific	Lot. 2453614 (cat# 31550-023)	
FITC anti-mouse CD31	BioLegend, NordicBioSite	MEC13.3 (Cat # 102506)	
FITC Anti-mouse CD45	BioLegend, NordicBioSite	30-F11 (Cat# 103108)	
Glacial acetic acid (100%)	EMSURE, Merck	K44104563 9Cat # 1000631000)	
Head over head mini-tube rotator	Fisher Scientific	15534080 (Model no. 88861052)	Head over head mini-tube rotator
Horse serum	Gibco, Fisher Scientific	Lot. 2482639 (cat# 10368902)	
Isotemp SWB 15	FisherBrand, Fisher Scientific	15325887	Shaking water bath
MS2 mini-shaker	IKA		Vortex unit
Needle 20 G (0.9 mm x 25 mm)	BD microlance, Fisher Scientific	304827	20G needle
Neutral formalin buffer 10%	CellPath, Hounisen Laboratorieudstyr A/S	Lot: 03822014 (Cat # HOU/1000.1002)	
Non-pyrogenic cell strainer (40 µm)	Sarstedt AG & Co. KG, Hounisen Laboratorieudstyr A/S	83.3945.040	Cell strainer
Pacific Blue anti-mouse Ly-6A/E (Sca-1)	BioLegend, NordicBioSite	D7 (Cat# 108120)	
Pax7 primary antibody	DSHB	Lot: 2/3/22-282ug/mL (Cat# AB 528428)	
PBS 10x powder concentrate	Fisher BioReagents, Fisher Scientific	BP665-1	
PE/Cy7 anti-mouse CD106 (VCAM1)	BioLegend, NordicBioSite	429 (MVCAM.A) (Cat # 105720)	
Pen/strep	Gibco, Fisher Scientific	Lot. 163589 (cat# 11548876)	
Pipette tips p10	Art tips, self sealing barrier, Thermo Scientific	2140-05	Low retention, pre-sterilized, filter tips
Pipette tips p1000	Art tips, self sealing barrier, Thermo Scientific	2279-05	Low retention, pre-sterilized, filter tips
Pipette tips p20	Art tips, self sealing barrier, Thermo Scientific	2149P-05	Low retention, pre-sterilized, filter tips
Pipette tips p200	Art tips, self sealing barrier, Thermo Scientific	2069-05	Low retention, pre-sterilized, filter tips
Protective underpad	Abena	ACTC-7712	60 x 40cm, 8 layers
Rainin, pipet-lite XLS	Mettler Toledo, Thermo Scientific	2140-05, 2149P-05, 2279-05, 2069-05	Pipettes (P10, P20, P200, P1000)
Recombinant anti-PDGFR-alpha	RabMAb, abcam	AB134123	
Scalpel (shaft no. 3)	Hounisen, Hounisen Laboratorieudstyr A/S	1902.502	Scalpel
Scalpel blade no. 11	Heinz Herenz, Hounisen Laboratorieudstyr A/S	1902.0911	Scalpel
Scanlaf mars	Labogene	class 2 cabinet: Mars	Flow bench
ScanR	Olympus		Microscope, Core facility Aarhus University
Scissors	FST	14568-09	
Series 8000 DH	Thermo Scientific	3540-MAR	Incubator
Serological pipette 10 mL	VWR	612-3700	Sterile, non-pyrogenic
Serological pipette 5 mL	VWR, Avantor delivered by VWR	612-3702	Sterile, non-pyrogenic
Syringe 5 mL, Luer tip (6%), sterile	BD Emerald, Fisher Scientific	307731	Syringe
TC Dish 100, standard	Sarstedt AG & Co. KG, Hounisen Laboratorieudstyr A/S	83.3902	Petri dish
Tissue Culture (TC)-treated surface, black polystyrene, flat bottom, sterile, lid, pack of 20	Corning, Sigma Aldrich	3764	96-well Half bottom plate
Triton X-100	Sigma Aldrich, Merck	Source: SLCJ6163 (Cat # T8787)	