

Materials List for:

Isolating Hair Follicle Stem Cells and Epidermal Keratinocytes from Dorsal Mouse Skin

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Materials

Name	Company	Catalog Number	Comments
Isoflurane	Primal Critical Care	66794-017-10	
Carbon dioxide	-	-	
Electro Shaver	Oster	Golden A5	Shaver from any other company could be used
70% ethanol	Gadot Lab	830000051	96% ethanol diluted with distilled water
Dissection mat			Dissection tools from any provider can be used
Forceps	Dumont	11251-10	Forceps from any other company could be used
Scissors	Dumont	14094-11	Scissors from any other company could be used
Needles/Pins	-	-	
Scalpel	Albion	10	Ensure that the scalpel has a blunt end
Tissue culture dish 60 mm x 15 mm	Sigma-Aldrich	CLS430166	
PBS	-		In house PBS without Calcium and Magnesium
0.25% Trypsin/EDTA	Biological Industries	03-050-1A	Trypsin obtained from a different company might have a different activity and duration of the trypsin digest has to be adjusted accordingly
Pipettes 10 ml	Sigma-Aldrich	Corning, 4488	
Ice	-	-	
50 ml sterile centrifuge tubes	Miniplast Ein-shemer	35050-43	
70 µm Cell strainer	Fisher	22362548	
40 µm Cell strainer	Fisher	22362549	
Staining buffer	-		
Centrifuge	Eppendorf 5804 R	5805 000.017	
FACS tubes with Cell strainer caps	Falcon	352235	
FACS tubes	Falcon	352063	
Integrin β1	eBioscience	25-0291	1:400
Integrin α6	eBioscience	15-0495	1:600
Sca I	eBioscience	11-5981	1:200
CD34	eBioscience	9011-0349	1:300

DAPI	Sigma-Aldrich	D9542	50 ng/ml
Dry Chelex	BioRad	142-2842	
Beaker	Pyrex	-	
Distilled H ₂ O	-	-	
Stir bar	-	-	
NHCl	BioLab	1903059	
Fetal bovine serum (FBS)	Beit Haemek Biological Industries	400718	FBS obtained from a different company can be used
1 L glass bottle	Ilmabor	Boro 3.3	
Bottle top filter	Autofil	1102-RLS	