

Isolation of Epithelial Cells from Human Dental Follicle

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Materials

Name	Company	Catalog Number	Comments
EMSURE ACS,ISO,Reag. Ph Eur 2-Propanol	EMD millipore Co., MA, USA	1096341011	1 L
0.05% trypsin-EDTA	Gibco, Grand island, NY, USA	25300054	100 mL
40 µm cell strainer	Falcon, NC, USA	352340	
Cell culture dish (100 x 20 mm)	Thermo Fisher Scientific Inc., Waltham, USA	172958	Discontinued
Cell culture dish (60 x 15 mm)	Thermo Fisher Scientific Inc., Waltham, USA	150326	
Collagenase type 1	Gibco, Grand island, NY, USA	17100017	1 g
Combi-514R / Refrigerated large capacity centrifuge	Hanil science industrial Co., LTD., Daejeon, South Korea	CB-514R	
Conical tube	SPL Life Sciences Co., Ltd., Gyeonggi-do, South Korea	50015 50050	15 mL 50 mL
Cryogenic vial	Corning Inc., NY, US	430488	2 mL
Dimethyl sulfoxide (DMSO)	Sigma-Aldrich, Missouri, US	D2650-100ml	100 mL
Dispase	Gibco, Grand island, NY, USA	17105041	1 g
Dulbecco's Phosphate-Buffered Saline	Welgene Inc., Gyengsangbuk-do, South Korea	LB 001-02	500 mL
Fetal bovine serum	Gibco, Grand island, NY, USA	16000044	500 mL
Heraeus BB 15 / CO ₂ incubator	Thermo Fisher Scientific Inc., Waltham, USA	51023121	
Keratinocyte serum-free medium	Gibco, Grand island, NY, USA	10724-011	500 mL
MVE CryoSystem 2000	MVE Biological Solutions Co., GA, USA	CryoSystem 2000	
Nalgene Mr. Frosty Freezing Container	Thermo Fisher Scientific Inc., Waltham, USA	5100-0001	for 1.2-2 mL CryoVials
Olympus CKX41 / Inverted cell culture microscope	Olympus Life Science, Waltham, Massachusetts	22-00723-01	Discontinued
Penicillin-Streptomycin Strep	Gibco, Grand island, NY, USA	15140122	100 mL (10,000 U/mL)
Pipet aid XP	Drummond scientific Co., PA, USA	HDR-4-000-201	
Pipetman Classic P1000	Gilson, Villiers le Bel, France	F123602	100-1000 µL
Refrigerant	Nihon freezer Co. Ltd., Tokyo, Japan	CLN 540U	~-80 °C / Discontinued

Serological pipet	SPL Life Sciences Co., Ltd., Gyeonggi-do, South Korea	91010	10ml
TrypLE Express Enzyme (1x), phenol red	Thermo Fisher Scientific Inc., Waltham, USA	12605010	cell dissociation protease