

Cell Dissociation from the Tongue Epithelium and Mesenchyme/Connective Tissue of Embryonic-Day 12.5 and 8-Week-Old Mice

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jove.com/video/62163

Materials

Name	Company	Catalog Number	Comments
bovine serum albumin (BSA)	Gold Biotechnology	A-420-100	
C57BL/6 mouse (C57BL/6J)	The Jackson Laboratory	000664	
collagenase (Collagenase A)	Sigma-Aldrich	10103586001	
culture dish (35 mm in diameter)	Genesee Scientific	32-103G	
culture dish (100 mm in diameter)	Genesee Scientific	32-107G	
dispase (Dispase II)	Sigma-Aldrich	04942078001	
dissecting scissors (Student Fine Scissors)	Find Science Tool	91460-11	
DMEM/F12	Gibco	11320033	
fetal bovine serum (FBS)	Hyclone	C838U82	
fine forceps (Dumont #3 Forceps)	Find Science Tool	11293-00	
hemocytometer	Hausser Scientific	3520	
inverted microscope with imaging system (EVOS XL Core Cell Imaging System)	Life Technologies	AMEX1000	
low retention pipette tips	METTLER TOLEDO	17014342	
mini-scissors (Evo Spring Scissors)	Fine Science Tool	15800-01	
plastic warp	VWR	46610-056	
spatula (Moria Spoon)	Fine Science Tool	10321-08	
surgical forceps (Dumont #2 Laminectomy Forceps)	Fine Science Tool	11223-20	
Trypan blue	Gibco	15250061	
Tyrode's solution	Sigma-Aldrich	T2145-10L	made from Tyrode's salts
0.25% trypsin-EDTA	Gibco	25200056	
0.1 M Phosphate-Buffered Saline (PBS)	Hoefer	33946	made from 1 M PBS
0.22- μ m syringe filter	Genesee Scientific	25-243	

70% ethanol	Koptec	233919	made from 100% ethanol
1-mL syringe	BD	8194938	
5-mL low binding microcentrifuge tube	Eppendorf	30122348	
30-G needle	BD	9193532	
35- μ m cell strainer	Falcon	64750	
70- μ m cell strainer	Falcon	64752	