

Materials List for

Isolation and Time-Lapse Imaging of Primary Mouse Embryonic Palatal Mesenchyme Cells to Analyze Collective Movement Attributes

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jove.com/video/62151

Materials

Name	Company	Catalog Number	Comments
Beaker, 250 mL (x2)	Fisher Scientific	FB-100-250	
CO ₂	Matheson Gas	UN1013	
Conical tubes, 15 mL (x1)	Midwest Scientific	C15B	
Debian operating system			computational analysis of time-lapse images
Dulbecco's Modified Eagles Medium/ High Glucose with 4 mM L-Glutamine and Sodium Pyruvate	Cytiva Life Sciences	SH30243.01	
EtOH, 100%	Decon Laboratories	2701	
EVOS FL Auto	ThermoFisher Scientific	AMAFD1000	
EVOS Onstage Incubator	ThermoFisher Scientific	AMC1000	
EVOS Onstage Vessel Holder, Multi-Well Plates	ThermoFisher Scientific	AMEPVH028	
Fetal Bovine Serum	Corning	35-010-CV	
Fine point #5 Stainless Steel Forceps (x2)	Fine Science Tools	11295-10	Dissection
Instrument sterilizer bead bath	Fine Science Tools	18000-45	
Microcentrifuge tubes, 1.5mL	Avant	2925	
Micro-Dissecting Stainless Steel Scissors, Straight	Roboz	RS-5910	Dissection
NucBlue (Hoechst) Live Ready Probes	ThermoFisher Scientific	R37605	
Penicillin Streptomycin Solution, 100x	Corning	30-002-CI	
Silicone Insert, 2-well	Ibidi	80209	
Small Perforated Stainless Steel Spoon	Fine Science Tools	MC17C	Dissection
Spring Scissors, 4 mm	Fine Science Tools	15018-10	

Sterile 10 cm dishe(s)	Corning	430293	
Sterile 12-well plate(s)	PR1MA	667512	
Sterile 6-well plate(s)	Thermo Fisher Scientific	140675	
Sterile PBS	Corning	21-031-CV	
Sterile plastic bulb transfer pipette	ThermoFisher Scientific	202-1S	
Trypsin, 0.25%	ThermoFisher Scientific	25200056	