

Materials List for

Zebrafish Corneal Wound Healing: From Abrasion to Wound Closure Imaging Analysis

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jove.com/video/63605

Materials

Name	Company	Catalog Number	Comments
0.1M Na-PO ₄ (sodium phosphate buffer), pH 7.4	in-house		Solution is prepared from 1M sodium phosphate buffer (1M Na ₂ HPO ₄ adjusted to pH 7.4 with 1M NaH ₂ PO ₄).
0.2M Na-PO ₄ (sodium phosphate buffer), pH 7.4	in-house		Solution is prepared from 1M sodium phosphate buffer (1M Na ₂ HPO ₄ adjusted to pH 7.4 with 1M NaH ₂ PO ₄).
0.5mm burr tips	Alger Equipment Company	BU-5S	
1M Tris, pH 8.8	in-house		
adhesive tabs	Agar Scientific	G3347N	
Algerbrush burr, Complete instrument	Alger Equipment Company	BR2-5	
Cotton swaps	Heinz Herenz Hamburg	1030128	
Dissecting plate	in-house		
Dissecting tools	Fine Science Tools		
double-distilled water	in-house		
Eppendorf tubes, 2ml	any provider		
Ethyl 3-aminobenzoate methanesulfonate salt	Sigma	A5040	Caution: causes irritation.
Glutaraldehyde, 50% aqueous solution, grade I	Sigma	G7651	Caution: toxic.
Lidocaine hydrochloride	Sigma	L5647	Caution: toxic.
mounts	Agar Scientific	G301P	
Petri dish	Thermo Scientific	101VR20	
pH indicator strips	Macherey-Nagel	92110	
Plastic spoons	any provider		
Plastic tubes, 15 ml	Greiner Bio-One	188271	
Plastic tubes, 50 ml	Greiner Bio-One	227261	
Scanning electron microscope	FEI	Quanta 250 FEG	
Soft sponge	any provider		

Sputter coater	Quorum Technologies	GQ150TS	
Stereomicroscope	Leica		