

Materials List for

A 3-D Visualization Technique for Bone Remodeling in a Suture Expansion Mouse Model

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Materials

Name	Company	Catalog Number	Comments
37% Acid etching	Xihubiom	E10-02/1807011	
Alizarin red	Sigma-Aldrich	A3882	
AUSTRALIAN WIRE	A.J.WILCOCK	0.014"	
Benzyl benzoate	Sigma-Aldrich	B6630	
Calcein green	Sigma-Aldrich	C0875	
Copper(II) sulfate, anhydrous	Sangon Biotech	A603008	
Dynamometer	Sanliang	SF-10N	
EDTA	Sigma-Aldrich	E9884	
EdU	Invitrogen	E104152	
Laser Confocal Microscope	Leica	SP8	
PBS	Sangon Biotech	E607008	
PEG-MMA 500	Sigma-Aldrich	447943	
PFA	Sigma-Aldrich	P6148	
pH Meters	Mettler Toledo	S220	
Quadrol	Sigma-Aldrich	122262	
Sodium Ascorbate	Sigma-Aldrich	A4034	
Sodium bicarbonate	Sangon Biotech	A500873	
Sodium chloride	Sangon Biotech	A610476	
Sodium hydroxide	Sigma-Aldrich	S5881	
Spring	TAOBAO	0.2*1.5*1*7	
Sulfo-Cyanine3 azide	Lumiprobe	A1330	
tert-Butanol	Sigma-Aldrich	360538	Protect from light. Do not freeze.
Transbond MIP Moisture Insensitive Primer	3M Unitek	712-025	
Transbond XT Light Cure Adhesive Paste	3M Unitek	712-035	
Triethanolamine	Sigma-Aldrich	V900257	

Tris-buffered saline	Sangon Biotech	A500027	
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