

Materials List for:

Clonal Genetic Tracing using the Confetti Mouse to Study Mineralized Tissues

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Materials

Name	Company	Catalog Number	Comments
2,2-thiodiethanol	Sigma	MKCF9328	
60 mm-long cover slips	Mendel-Gläzer	220588	
Confocal laser scanning microscope	Zeiss	LSM 710	
Corn oil	Sigma	C8267	
Cryomold (standard)	Sakura	4557	
Cryostat	Thermo	Model: NX70	
Disposable cryostat blades	Histolab	207500014	Specifically for use with hard tissue
EDTA	Scharlan	AC0960005P	
Formaldehyde concentrate	Merck	8.18708.1000	
Glass bottles	Sigma	V7130	Can be used for tamoxifen dilution and for tissue fixation and processing
Imaris software	Oxford Instruments	N/A	Image analysis software for 3D reconstruction
Isoflurane	Zoetis	11-8162	
OCT	Sakura	102094-104	
Pasteur pipette	Sarstedt	86.1171	
PBS	Gibco	14200075	
Sodium hydroxide	Merck	1.06498.1000	
Sucrose	Sigma	S0389	
Superfrost UltraPlus slides	Mendel-Gläzer	J3800AMNZ	
Tamoxifen	Sigma	T5648	
Zen2 software	Zeiss	N/A	Freeware for Confocal laser scanning microscopy