

Materials List for

In Vivo Two-photon Imaging of Megakaryocytes and Proplatelets in the Mouse Skull Bone Marrow

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Citation

Bornert, A., Pertuy, F., Lanza, F., Gachet, C., Léon, C. *In Vivo* Two-photon Imaging of Megakaryocytes and Proplatelets in the Mouse Skull Bone Marrow. *J. Vis. Exp.* (173), e62515, doi:10.3791/62515 (2021).

Date Published

July 28, 2021

DOI

10.3791/62515

URL

jove.com/video/62515

Materials

Name	Company	Catalog Number	Comments
GNU Octave software	GNU Project		https://www.gnu.org/software/octave/
Histoacryl 5 x 0, 5 mL	Braun	1050052	injectable solution of surgical glue
HyD hybrid detectors Leica Microsystems 4tunes	Leica Microsystems		
ImageJ	GNU project		Minimum version required
Imalgene/Ketamine 1000 fl/10 mL	Boehring	03661103003199	eye protection
Leica SP8 MP DIVE microscope equipped with a 25x water objective, numerical aperture of 0.95	Leica Microsystems		simultaneous excitation of AlexaFluor-488 and Qtracker-655
Matlab	MathWorks		https://www.mathworks.com/
Ocrygel 10 g	Laboratoires T.V.M.	03700454505621	Silicon dental paste blue and yellow
Picodent twinsin speed	Rotec	13001002	
Qtracker 655 vascular label	Invitrogen	Q21021MP	injectable solution
Resonant scanner, 8 or 12 kHz			
Rompun Xylazine 2% fl/25 mL	Bayer	04007221032311	
Superglue gel			to glue the ring to the bone
Surflo IV catheter - Blue 22 G	Terumo	SR-OX2225C1	
Ti:Saph pulsing laser (Coherent) (femtosecond)	Coherent		