

Materials List for:

Imaging Neutrophils and Monocytes in Mesenteric Veins by Intravital Microscopy on Anaesthetized Mice in Real Time

Yalin Emre¹, Stephane Jemelin¹, Beat A. Imhof¹

¹Department of Pathology and Immunology, University of Geneva

Correspondence to: Yalin Emre at yalinemre@gmail.com

URL: <https://www.jove.com/video/53314>

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Materials

Name	Company	Catalog Number	Comments
5 ml polystyrene round bottom tubes	Beckton Dickinson	352058	
10x CFI Plan Apochromat 0.45 DT:4mm	Nikon		
20x CFI Plan Apochromat VC 0.75 DT:1mm	Nikon		
Cell Tracker Orange CMRA Dye	Life Technologies	C34551	
EasySep Magnet	Stem Cell Technologies	18000	
EasySep Mouse Neutrophil Enrichment kit	Stem Cell Technologies	19762	
EDTA	Sigma Aldrich	E6758	
FCS	PAA	A15-042	
Immersion Oil Type A	Nikon		any viscous oil
Life Box Temperature Control System	Life Imaging		
NaHCO ₃	Sigma Aldrich	S5761	
NH ₄ Cl	Sigma Aldrich	A9434	
Nikon A1R confocal microscope	Nikon	A1R	inverted microscope, motorized x/y/z stage, NIS elements software
PBS	Life Technologies	D8537	
phenol red free DMEM/F12	Life Technologies	21041-025	any phenol red free medium is suitable
PAM3CSK4	Invivogen	ttrl-pms	reconstitute in PBS
Rat serum	Stem Cell Technologies		included in EasySep Mouse Neutrophil Enrichment kit
Tissue culture dish 100	TPP	93100	