

Materials List for:

An *In Vivo* Blood-brain Barrier Permeability Assay in Mice Using Fluorescently Labeled Tracers

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Materials

Name	Company	Catalog Number	Comments
Tetramethyl Rhodamine (TMR) dextran 3kD	Thermofisher	D3308	
Fluorescein isothiocyanate (FITC) dextran 3kD	Thermofisher	D3306	
Ketamine (Ketavet)	Zoetis		
Xylazine (Rompun)	Bayer		
0.9% Saline	Fresenius Kabi Deutschland GmbH		
1X PBS	Gibco	10010-015	
Tissue-tek O.C.T compound	Sakura Finetek	4583	
37% Formaldehyde solution	Sigma	252549-1L	prepare a 4% solution
Bovine Serum Albumin, fraction V	Roth	8076.3	
Triton X-100	Sigma	T8787	
rat anti CD31 antibody, clone MEC 13.3	BD Pharmingen	553370	
goat anti rat alexa 568	Molecular Probes	A-11077	
goat anti rat alexa 488	Molecular Probes	A-11006	
DAPI	Molecular Probes	D1306	
Aqua polymount	Polyscience Inc	18606	
21-gauge butterfly needle	BD	387455	
serum collection tube	Sarstedt	41.1500.005	
2mL eppendorf tubes	Sarstedt	72.695.500	
Kimtech precision wipes tissue wipers	Kimberley-Clark Professional	05511	
384-well black plate	Greiner	781086	
slides superfrost plus	Thermoscientific	J1800AMNZ	
PTFE pestle	Wheaton	358029	
electric overhead stirrer	VWR	VWR VOS 14	
plate reader	Tecan	Infinite M200	
Cryostat	Microm GmbH	HM 550	
Nikon C1 Spectral Imaging confocal Laser Scanning Microscope System	Nikon		
peristaltic perfusion system	BVK Ismatec		
microcentrifuge	eppendorf	5415R	