

Materials List for:

Confocal Imaging of Single Mitochondrial Superoxide Flashes in Intact Heart or *In Vivo*

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Materials

Name	Company	Catalog Number	Comments
REAGENTS			
Blebbistatin	Toronto Research Chemicals	B592500	
CaCl ₂	Acros Organics	AC34961-5000	
EDTA	Fisher Scientific	BP120-500	
D-Glucose	Sigma-Aldrich	G8270-1	
HEPES	Sigma-Aldrich	H7006-500	
KCl	Sigma-Aldrich	P9541-1	
MgCl ₂ •6H ₂ O	Fisher Scientific	BP214-500	
MgSO ₄ •7H ₂ O	Sigma-Aldrich	M1880-1	
NaCl	Fisher Scientific	BP358-212	
NaH ₂ PO ₄	Sigma-Aldrich	S8282-500	
NaHCO ₃	Sigma-Aldrich	S6014-1	
Pyruvate	Sigma-Aldrich	P2256-25	
TMRM	Invitrogen	T-668	
EQUIPMENT			
Confocal Line Scanning Microscope (LSM 510 Meta, Zeiss), software version 4.2 SP1 including "Physiological Analysis" module.			