

Materials List for:

Visualization of Vascular Ca²⁺ Signaling Triggered by Paracrine Derived ROS

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URL: <https://www.jove.com/video/3511>

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Materials

Name	Company	Catalog Number	Comments
Attofluor cell chamber	Invitrogen	A7816	
Antimycin A	Sigma-Aldrich	A8674	
DMEM low glucose medium	Invitrogen	10567-014	
Endothelial growth factor supplement (ECGS)	Upstate, Millipore	02-102	
Fetal Bovine Serum	Invitrogen	12662011	
G418	Invitrogen	10131-027	
Gelatin	Sigma-Aldrich	G1393	
H ₂ DCFDA	Invitrogen	D-399	
LPS	Sigma-Aldrich	L4516	
LTA	Sigma-Aldrich	L2515	
MitoSOX Red	Invitrogen	M36008	
Opti-MEM I Reduced Serum Medium	Invitrogen	51985091	
Pen/Strep (10x)	Invitrogen	15140163	
pHyPer-cyto	Evrogen	FP941	
pHyPer-dMito	Evrogen	FP942	
Poly(I:C)	Sigma-Aldrich	P0913	
Prism software 5.0	GraphPad Software Inc.		
SigmaPlot 11.0	Systat software, Inc.		
Trypsin-EDTA (10x)	Invitrogen	15400054	
T-25 Flasks	Corning	430639	
T-75 Flasks	BD Biosciences	353136	
96-well TC micro well plate	BD Biosciences	353072	
Zen 2009 software	Carl Zeiss, Inc.		