

Materials List for:

## Two-photon Imaging of Intracellular Ca<sup>2+</sup> Handling and Nitric Oxide Production in Endothelial and Smooth Muscle Cells of an Isolated Rat Aorta

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### Materials

Name	Company	Catalog Number	Comments
DAF-FM	Life Technologies	D-23842	
Fluo-4 AM	Life Technologies	F14217	500 µl in DMSO
Pluronic F-68 solution	Sigma-Aldrich	P5556	
L-NAME	Tocris	0665	
Olympus upright microscope	Olympus	Fluoview FV1000	
MaiTai HP DeepSee-OL	Spectra Physics		Ti:sapphire laser 690nm — 1040nm
Filters	Olympus	FV10-MRL/R	495 to 540 nm
25× water-immersion objective lens	Olympus	XLPL25XWMP	N.A. 1.05 and working distance 2 mm
Slice Anchor grid	Warner Instrument	SHD-27LH	
Other basic reagents	Sigma-Aldrich		