

Materials List for:

Study of Endoplasmic Reticulum and Mitochondria Interactions by *In Situ* Proximity Ligation Assay in Fixed Cells

Emily Tubbs¹, Jennifer Rieusset²

¹Lund University Diabetes Centre, Lund University

²INSERM UMR-1060, CarMeN Laboratory, Lyon 1 University, INRA U1235, INSA of Lyon, Rockefeller and Charles Merieux Lyon-Sud Medical Universities

Correspondence to: Emily Tubbs at tubbsemily@gmail.com

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Materials

Name	Company	Catalog Number	Comments
Formaldehyde	Sigma	F-8775	
Glycine	Sigma	G-8898	
Triton	Sigma	T8532	
35 mm Glass bottom culture dishes	MatTeK corporation	P35G-0-14-C	
Blocking solution	Sigma	DUO-92004 or DUO-92002	provided in the Duolink PLA probes, Sigma
VDAC1 antibody	Abcam	ab14734	
IP3R1-H80 antibody	Santa Cruz	sc28614	
CypD antibody	Abcam	ab110324	
Grp75 antibody	Santa Cruz	sc13967	
TBS 10x	euromedex	ET220	Dilute to obtain 1x
Tween 100x	euromedex	2001-B	dilute in TBS to obtain 0,01%
PLA Probes Mouse MINUS	Sigma	DUO-92004	Duolink, Sigma
PLA Probes Rabbit PLUS	Sigma	DUO-92002	Duolink, Sigma
Duolink detection reagents red	Sigma	DUO-92008	Duolink, Sigma
Ligation solution	Sigma	DUO-92008	Part of the Duolink detection reagents red, Sigma
Ligase	Sigma	DUO-92008	Part of the Duolink detection reagents red, Sigma
Amplification solution	Sigma	DUO-92008	Part of the Duolink detection reagents red, Sigma
Polymerase	Sigma	DUO-92008	Part of the Duolink detection reagents red, Sigma
Duolink Mounting Medium	Sigma	DUO80102	Duolink, Sigma
Softwares			
Blob-finder software			BlobFinder is a freely distributed software that can perform calculations on cells from fluorescence microscopy images. This software can be downloaded for free from The Centre for Image Analysis at Uppsala University who have developed the software and the work was supported by the EU FP6 Project ENLIGHT and Olink Bioscience. http://www.cb.uu.se/~amin/BlobFinder/index_files/Page430.htm

ImageJ software			Can be downloaded for free from: http://rsb.info.nih.gov/ij/download.html
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