

Materials List for:

Live Cell Imaging of Early Autophagy Events: Omegasomes and Beyond

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Materials

Name	Company	Catalog Number	Comments
DMEM	Invitrogen	41965	
OptiMEM I	Invitrogen	31985-062	
MitoTracker Red FM	Invitrogen	M22425	
LysoTracker Red DND-99	Invitrogen	L-7528	
X-tremeGENE 9 DNA Transfection Reagent	Roche Applied Science	6365787001	
22 mm coverslips	VWR	631-0159	
35 mm plates	Fisher NUNC	153066	
Silicon grease	RS Components Ltd.	RS 494-124	
O-rings			Custom made
Attofluor Cell Chamber	Invitrogen	A-7816	Suggested alternative to custom-made O-rings
Microscope	Olympus	IX81	Inverted microscope
Objective	Olympus	UPLSAPO 100XO	N.A. 1.4, W.D. 0.13, FN 26.5
Camera	Hamamatsu	ORCA-R2 C10600 10B	Progressive scan interline CCD
Illuminator	TILL Photonics	Polychrome V	Ultrafast monochromator
Incubation chamber	Solent Scientific	Cell^R IX81	
Software	Olympus	SIS xcellence	