

Materials List for:

Evaluation of Intracellular Location of Reactive Oxygen Species in *Solea Senegalensis* Spermatozoa

David G. Valcarce^{1,2}, Vanesa Robles^{2,3}

¹Department of Molecular Biology, University of León

²INDEGSAL, University of León

³Planta de Cultivos el Bocal, Spanish Institute of Oceanography (IEO)

Correspondence to: Vanesa Robles at robles.vanesa@gmail.com

URL: <https://www.jove.com/video/55323>

DOI: [doi:10.3791/55323](https://doi.org/10.3791/55323)

Materials

Name	Company	Catalog Number	Comments
2',7'-Dichlorodihydrofluorescein diacetate (DCFH-DA)	Sigma-Aldrich	D6883	
4',6-diamidino-2-phenylindole (DAPI)	Sigma-Aldrich	D9542	
CaCl ₂	Sigma-Aldrich	C1016	
Confocal Microscopy	Zeiss	LSM800	
Cover slips	Thermo Fisher Scientific	12-541B	
DMSO, Analytical Grade	Sigma-Aldrich	W387520	
HEPES	Sigma-Aldrich	H3375	
KCl	Sigma-Aldrich	P9541	
Methanol, Analytical Grade	Sigma-Aldrich	34860	
MitoTrackerDeep Red	Thermo Fisher Scientific	M22426	
Microcentrifuge (refrigerated)	Thermo Fisher Scientific	75002441	
NaCl	Sigma-Aldrich	S7653	
Neubauerchamber	Sigma-Aldrich	BR717810	
Slides	Thermo Fisher Scientific	10143562BEF	