

Materials List for:

Detection of Mitochondria Membrane Potential to Study CLIC4 Knockdown-induced HN4 Cell Apoptosis *In Vitro*

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URL: <https://www.jove.com/video/56317>

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Materials

Name	Company	Catalog Number	Comments
HN4 cells	ATCC	CRL-3241	
Polylysine	Thermo Fisher Scientific	P4981	
Specific siRNA for human CLIC4	Biomics	NM_013943	(accession numbers, NM_013943; corresponding to the cDNA sequence 5-GCTGAAGGAGGAGGACAAAGA-3) and scrambled siRNA (5-ACGCGUAACGCGGGAAUUU-3) were designed and obtained from Biomics Company
Lipofectamine 2000 Transfection Reagent	Thermo Fisher Scientific	L3000-015	
Opti-MEM I Reduced Serum Medium, GlutaMAX	Thermo Fisher Scientific	51985-042	
Rhodamine 123, FluoroPure grade	Thermo Fisher Scientific	R22420	
Dulbecco's modified Eagle medium (DMEM, 4.5 g/L glucose)	Gibco	11965-084	
Fetal Bovine Serum, Qualified, Australia Origin	Gibco	10099141	
Trypsin-EDTA Solution	Beyotime	C0201	
Antibiotic-Antimycotic, 100X	Gibco	15240062	
Laser Scanning Confocal Microscopy	Leica Microsystems GmbH	LEICA.SP5-DMI6000-DIC	
Nikon Eclipse TE300 Inverted Microscope	Nikon	N/A	
Metaflour, V7.5.0.0	Universal Imaging Corporation	N/A	
Leica application suite, v2.6.0.7266	Leica Microsystems GmbH	N/A	
Microsoft office Excel 2007	Microsoft	N/A	
Sigma Plot 12.5	Systat Software	N/A	
Attolfluor Cell Chamber	Thermo Fisher Scientific	A7816	