

Materials List for:

Visualisation and Quantification of Intracellular Interactions of *Neisseria meningitidis* and Human α -actinin by Confocal Imaging

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URL: <https://www.jove.com/video/2045>

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Materials

Name	Company	Catalog Number	Comments
12 well plate	Corning	BC311	
Glass Coverslips	VWR international	631-0152	
BHI AGAR	LAB M	LAB048	
M199	Sigma-Aldrich	M2154	
RPMI 1640	Lonza Inc.	BE12-167E	
MEM Non Essential Aminoacids	Sigma-Aldrich	M7145	
HANK'S balanced salt solution	Sigma-Aldrich	H9269	
FBS	BioWhittaker	DE14-801F	
Glutamine	Sigma-Aldrich	G7513	
Sodium pyruvate	Sigma-Aldrich	S8636	
Penicillin-Streptomycin	Sigma-Aldrich	P0781	
MEM Vitamin solution	Sigma-Aldrich	M6895	
PBSB	Lonza Inc.	BE17-513F	
BSA	Sigma-Aldrich	A9418	
Paraformaldehyde	Fisher Scientific	P/0840/53	
Triton X-100	Sigma-Aldrich	X-100	
DAPI	Sigma-Aldrich	D-9564	
Vectashield	Vector Laboratories	H-1000	
Mowiol 4-88	Calbiochem	475904	
Anti#Nm antiserum	Laboratory raised		Rabbit serum
TRITC anti-rabbit Ig	Sigma-Aldrich	T6778	
Anti α -actinin mAb [7H6]	Abcam	Ab32816	IgG
Anti actin mAb	Sigma-Aldrich	A4700	IgG2a
Anti vimentin mAb	Sigma-Aldrich	V6630	IgG1
ALEXA FLUOR 488 anti#mouse IgG	Invitrogen	A11001	
FITC anti-mouse IgG	Sigma-Aldrich	F-2012	

1. Confocal Laser Scanning Microscopy (CLSM):

Leica SP5 confocal imaging system: This system, by using a combination of AOTF (acousto-optical tuneable filter) and an AOBs (acousto-optical beam splitter), simplifies excitation with specific wave lengths.

2-Software:

Leica confocal software LCS, Leica Microsystems, Germany.

Volocity 5, Improvion, PerkinElmer, USA.