

Materials List for:

Temporal Analysis of the Nuclear-to-cytoplasmic Translocation of a Herpes Simplex Virus 1 Protein by Immunofluorescent Confocal Microscopy

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Materials

Name	Company	Catalog Number	Comments
Cells and viruses			
Human Embryonic Lung fibroblasts (HEL Cells)	Dr. Thomas E. Shenk (Princeton University)		HEL cells were grown in DMEM supplemented with 10% FBS
HSV-1 viral Stock (Strain F)	Dr. Bernard Roizman Lab		
Medium			
Dulbecco's modified Eagle's medium (DMEM)	Invitrogen	11965-092	
Fetal Bovine Serum (FBS)	Sigma	F0926-500ml	
Medium-199 (10x)	Gibco	11825-015	
Reagents			
4- well 11 mm staggered slide	Cel-Line/Thermofisher Scientific	30-149H-BLACK	
16% Paraformaldehyde solution(w/v) Methanol free	Thermo Scientific	28908	
Triton X-100	Fisher reagents	BP151-1C0	
Bovine Serum Albumin (BSA)	Calbiochem	CAS 9048-46-8	
Horse Serum	Sigma	H1270	
Phosphate Buffered Saline (PBS) (137 mM NaCl, 2.7 mM KCl, 10 mM Na ₂ HPO ₄ , pH7.4)	Dr. Haidong Gu lab		
NaCl	Fisher Bioreagent	BP358-212	
KH ₂ PO ₄	Fisher Bioreagent	BP362-500	
KCl	Fisher Scientific	BP366-500	
Na ₂ HPO ₄	Fisher Bioreagent	BP332-500	
Blocking buffer (PBS with 1% BSA and 5% Horse serum)	Dr. Haidong Gu lab		
Rabbit Anti-ICP0 antibody	Dr. Haidong Gu lab		
PML (PG-M3)-Mouse monoclonal IgG	santa Cruz Biotechnology	SC-966	
Alexa Fluor 594-goat anti-rabbit IgG	invitrogen	A11012	
Alexa Fluor 488-goat anti-mouse IgG	invitrogen	A11001	
Vectashield Mounting medium with DAPI	Vector laboratories	H-1200	
Pasteur pipette	Fisher Brand	13-678-20D	
Nail Polish	Sally Hansen		
Equipment			

Confocal Microscope	Leica SP8		
Confocal Software	Leica LAS X Application suite		
Excel software	Microsoft Excel		
HERAcell 150i CO ₂ incubator	Thermo Scientific	Order code 51026282	