

Materials List for:

Using Click Chemistry to Measure the Effect of Viral Infection on Host-Cell RNA Synthesis

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Materials

Name	Company	Catalog Number	Comments
5-ethynyl-uridine	Berry Associates	PY 7563	dissolve in DMSO for 100 mM stock
12-mm round coverslips	Fisherbrand	12-545-82	
5 ml polystyrene tubes	BD Biosciences	352058	
Actinomycin D (ActD)	Sigma	9415	dissolve in DMSO for 10 mM stock
Alexa Fluor 488 goat anti-mouse IgG	Invitrogen	A-11029	
Bovine Serum Albumin (BSA)	Santa Cruz	sc-2323	
CuSO ₄	Sigma	C-8027	dissolve in H ₂ O for 100 mM stock
DAPI	Sigma	D-9542	dissolve in H ₂ O for 5 mg/ml stock
DMEM	Invitrogen	11965092	
FBS	Invitrogen	16000044	
fluorescent azide (Alexa Fluor 594-coupled)	Invitrogen	A10270	
fluorescent azide (Alexa Fluor 657-coupled)	Invitrogen	A10277	
Fluoromount-G	Southern Biotech	0100-01	
L-ascorbic acid	Sigma	A-5960	dissolve in H ₂ O for 500 mM
paper filter	VWRbrand	28333-087	
paraformaldehyde	Sigma	158127	
Penicillin-Streptomycin	Invitrogen	15140122	
poly-L-lysine (MW ≥ 70000)	Sigma	P1274	
Triton X-100	Sigma	T-8787	
Trizma base	Sigma	T-1503	dissolve in H ₂ O for 1.5 M stock, pH 8.5
Trypsin-EDTA	Invitrogen	25200056	
Fluorescence Microscope			e.g. Olympus IX71
Flow Cytometer			e.g. BD Biosciences LSRII Fortessa