

Materials List for:

# Visualizing Dengue Virus through Alexa Fluor Labeling

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URL: <https://www.jove.com/video/3168>

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## Materials

Name	Company	Catalog Number	Comments
Sodium bicarbonate	Sigma-Aldrich	S6297	
Hydroxylamine	Sigma-Aldrich	159417	
Sodium hydroxide	Merck & Co., Inc.	106498	
AF594 succinimidyl esters	Molecular Probes, Life Technologies	A20004	
PD-10 column	GE Healthcare	17-0851-01	
Hepes	Sigma-Aldrich	H6147	
NaCl	Sigma-Aldrich	S3014	
EDTA	Sigma-Aldrich	E9884	
M-199	Invitrogen	11150	
FBS	Hyclone	SH30070.03	
4-well plate	Nalge Nunc international	176740	
Coverslips	Einst	0111520	
Microscope slide	Sail Brand	7105	
3H5 hybridoma	ATCC	HB46	
10x PBS		BUF-2040-10X1L	1st Base
Saponin	Sigma-Aldrich	S4521	
BSA	Sigma-Aldrich	A7906	
Magnesium chloride	Sigma-Aldrich	M2670	
Calcium chloride	Sigma-Aldrich	C3306	
Paraformaldehyde	Sigma-Aldrich	15,812-7	
Mowiol 4-88	Calbiochem	475904	
Dabco	Sigma-Aldrich	D27802	
Tabletop centrifuge	Eppendorf	5424	
Confocal microscope	Carl Zeiss, Inc.	LSM 710	
To prepare M-199 growth medium, add 50ml of FBS, 5ml of sodium pyruvate and 5ml of non-essential amino acids to 500ml of M-199, sterile filter.			
To prepare M-199 maintenance medium, add 15ml of FBS, 5ml of sodium pyruvate and 5ml of non-essential amino acids to 500ml of M-199, sterile filter.			