

Materials List for:

# Zika Virus Infection of Cultured Human Fetal Brain Neural Stem Cells for Immunocytochemical Analysis

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## Materials

Name	Company	Catalog Number	Comments
DMEM	Gibco	11965-092	
F12	Gibco	11765-054	
Glucose (10%)	Sigma	G8644	
HEPES (1M)	Corning/cellgro	25-060-c1	
Pen Strep (100x)	Gibco	15140-122	
Insulin	Sigma	I4011	
L-Glutamine	Gibco	25030-081	
Transferrin	Sigma	T2036	
Progesterone	Sigma	P8783	
Putrescine	Sigma	P5780	
Sodium selenite	Sigma	S5261	
Heparin Sigma	Sigma	H3149	
basic fibroblast growth factor	R&D system	233-FB	
epidermal growth factor	R&D system	236-EG	
leukemia inhibitory factor	R&D system	7734-LF	
Laminin	Invitrogen	23017-015	
2.5% trypsin	Gibco	15090-046	
Trypsin inhibitor	Sigma	T6522	
Poly-D-Lysine hydrobromide(PDL)	Sigma	P6407-5MG	
B-27 supplement	Gibco/Invitrogen	17504-044	
Fetal bovine serum	Gibco	16000-044	
Dimethyl sulfoxide	Sigma	D2650-100ml	
Dulbecco's phosphate-buffered saline	Corning/cellgro	21-031-CV	
Bovine serum albumin	Sigma	A4378-25G	
Normal goat serum	Jackson ImmunoResearch Lab	005-000-121	
Triton X-100	FisherBiotech	BP151-500	
Nestin antibody	BD Transduction Laboratories	611659	1:200 dilution
Class III beta-tubulin antibody (TuJ1)	Covnce	MMS-435p	1:2000 dilution
GFAP antibody	Millipore	AB5804	1:1000 dilution
DAPI	Molecular Probes	D1306	1:2000 dilution

ZIKV antibody	World Reference Collection for Emerging Viruses and Arboviruses at the University of Texas Medical Branch		1:2000 dilution
Fluoromount G	SouthernBiotech	0100-01	
CO <sub>2</sub> incubator	Thermo Forma	Model# 3110	
Centrifuge	Thermo fisher Scientific	75004221	
Biological safety cabinet	Forma scientific Claas II A/B3	Model# 1284	
Freezer (-80 °C)	Forma scientific,Inc	model# 8516	
Microscope(phase contrast image)	Hp 2230 workstation	Product#NOE25us#ABA	
Microscope (epifluorescent image)	Nikon Eclipse 80i		
Confocal Microscope	Nikon TE2000-E microscope with C1si confocal system		