

Materials List for:

A Simple Flow Cytometry Based Assay to Determine *In Vitro* Antibody Dependent Enhancement of Dengue Virus Using Zika Virus Convalescent Serum

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Materials

Name	Company	Catalog Number	Comments
DENV 1-4 RVP	Integral Molecular	RVP-501	
K562 cells	ATCC	CCL-243	
RPMI	Corning	10-040-CV	
FBS	GE lifesciences	SH 30910.03	10% FBS in RPMI-10
Penicillin-Streptomycin	MP biomedical	1670049	100 IU Pen/mL, 100 ug Strep/mL in RPMI-10
HEPES	Cellegro	25-060-CI	0.025M in RPMI-10
MEM Non-essential Amino Acid Solution (100x)	Sigma	M7145	1x in RPMI-10
Sodium Pyruvate	Cellegro	25-000-CI	1mM in RPMI-10
L-glutamine	Fisher Scientific	MT25005CI	
Sterile V-bottom plates	Thomas Scientific	333-8001-01V	
BD Falcon Polypropylene 5 ml FACS tubes	VWR	60819-728	
Non-sterile U-bottom plates	Falcon	Ref 353910	A high throughput alternative to FACS tubes
5mL, sterile, serological pipette	Denville	P7127	
200uL sterile pipette tips	Denville	P3020 CPS	
20uL sterile pipette tips	Denville	P1121	
50-200uL multichannel pipette	Denville	P3975-8-B	
5-50uL multichannel pipette	Denville	P3975-9-B	
20% formaldehyde	Tousimis	#1008B	
Water Bath	ThermoFisher	TSCOL35	
thermomixer	Eppendorf	2231000387	An alternative to a waterbath for heat inactivation
CO2 Incubator	ThermoFisher	13-998-213	
Ethanol	Sigma Aldrich	E7023	
Liquid Bleach	Fisher Scientific	NC9724348	
Flowjo 9.8	TreeStar, Inc.		Flow cytometry analysis software
BD FACSDiva 6.1.2	Becton Dickinson		
BD LSR II flow cytometer	Becton Dickinson		
Liquid Bleach	Fisher Scientific	NC9724348	