

Materials List for:

Viral Concentration Determination Through Plaque Assays: Using Traditional and Novel Overlay Systems

Alan Baer¹, Kylene Kehn-Hall¹

¹National Center for Biodefense and Infectious Diseases, George Mason University

Correspondence to: Kylene Kehn-Hall at kkehnhal@gmu.edu

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Materials

Name	Company	Catalog Number	Comments
6-well CellStar plate for tissue culture	Greiner Bio-One	658 160	
12-well CellStar plate for tissue culture	Greiner Bio-One	665 180	
96-well CellStar plate for tissue culture	Greiner Bio-One	655 180	
96-2ml deep well plate	USA Scientific	C15046314	For serial dilutions
DMEM	Quality Biologicals	112 013 101	Cell Media/Diluent
2x EMEM for plaques	Quality Biologicals	115 073 101	Warm to 37 °C
MEM 100x	Cellgro	25 025 CI	
Sodium Pyruvate	Cellgro	25 000 CI	
Penicillin Streptomycin	Gibco	15140 122	
L-Glutamine	Gibco	25030 081	
HyClone FBS	Thermo Scientific	SH30910.03	Heat inactivate before use at 62 °C for 30 min
Bovine Serum Albumin	Sigma Aldrich	A7030-50G	
Trypsin TPCK	Sigma Aldrich	T1426-50mg	Make aliquots/Avoid freeze thawing
HEPES	Gibco	15630-080	
DEAE-Dextran	Sigma Aldrich	D9885-10G	
Crystal Violet	Sigma Aldrich	C3886-25G	
Formaldehyde Solution	Sigma Aldrich	F8775-500ml	
Ethanol denatured Reagent Grade	Sigma Aldrich	362808-1L	
Avicel RC-591 NF	FMC BioPolymer USA	RC-591 NF	Shake vigorously when reconstituting for >30 min to homogenize
UltraPure Agarose	Invitrogen	16500-100	
Carboxymethyl cellulose, Sodium Salt Medium Viscosity	Sigma Aldrich	C4888	