

Materials List for:

Modeling The Lifecycle Of Ebola Virus Under Biosafety Level 2 Conditions With Virus-like Particles Containing Tetracistronic Minigenomes

Thomas Hoenen¹, Ari Watt¹, Anita Mora², Heinz Feldmann¹

¹Laboratory of Virology, Division of Intramural Research, National Institute of Allergy and Infectious Diseases, National Institutes of Health

²Research Technology Branch, Division of Intramural Research, National Institute of Allergy and Infectious Diseases, National Institutes of Health

Correspondence to: Thomas Hoenen at thomas.hoenen@nih.gov

URL: <https://www.jove.com/video/52381>

DOI: [doi:10.3791/52381](https://doi.org/10.3791/52381)

Materials

Name	Company	Catalog Number	Comments
75 cm ² Cell culture flask	Corning	430641	
DMEM	Sigma	D6546	preheat to 37 °C prior to use
FBS	Life Technologies	26140-079	heat inactivate 30 min @ 56 °C
L-Glutamine	Life Technologies	25030-081	100x
Pen/strep	Life Technologies	15070-063	100x
0.25% Trypsin-EDTA	Life Technologies	25200-056	
PBS			8 g NaCl, 0.2 g KCl, 1.44 g Na ₂ HPO ₄ , 0.24 g KH ₂ PO ₄ , H ₂ O add 1 L; autoclave and store at room temperature
6-well Plates	Costar	3516	
Opti-MEM I	Life Technologies	31985-070	
Transit LT1	Mirus	MIR 2300	
Glo lysis buffer	Promega	E2661	
Renilla Glo luciferase assay system	Promega	E2720	
96-well Assay plate (white)	Costar	3912	
Modulus microplate luminometer	Turner Microsystems	998-9300	