

Materials List for:

Surface Functionalization of Hepatitis E Virus Nanoparticles Using Chemical Conjugation Methods

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URL: <https://www.jove.com/video/57020>

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Materials

Name	Company	Catalog Number	Comments
MINI Dialysis Units, 10K MWCO	Thermo Fisher Scientific	69572	mini dialysis unit
High Five Cells	Thermo Fisher Scientific	B85502	Tn5 cells
SF9 Cells	Thermo Fisher Scientific	11496015	Sf9 cells
Bac-to-Bac Baculovirus Expression System	Thermo Fisher Scientific	A11101, A11100	Baculovirus expression system
Bac-to-Bac Baculovirus Expression System	Life Technologies	10359-016, 10360-014, 10584-027, 10712-024	Bacmid
ESF921 Insect Cell Media	Expression Systems LLC	96-001-01	insect cell media
Cy5.5 NHS ester, 5mg	Lumiprobe Corp	27020	Cy5.5 NHS ester
Zeba Spin Desalting Columns, 40K MWCO, 0.5 mL	Thermo Scientific	87766	spin desalting column
MES Hydrate	Sigma-Aldrich Chemical Co	M8250-250G	MES
Ultra-Clear Centrifuge Thinwall Ultra-Centrifuge Tubes	Beckman Coulter, Inc	Depends on Rotor	ultracentrifuge tube
NuPage 4-12% Bis-Tris Protein Gels	Thermo Fisher Scientific	NPO321BOX	SDS protein gel
Cellfectin II Reagent	Thermo Fisher Scientific	10362100	transfection reagent
EMS Glow Discharger	Electron Microscopy Science		glow discharger