

Materials List for

Growth, Purification, and Titration of Oncolytic Herpes Simplex Virus

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Materials

Name	Company	Catalog Number	Comments
1.7 mL centrifuge tubes	Sigma	CLS3620	
15 mL polypropylene centrifuge tubes	Falcon	352097	
5 mL polypropylene tubes	Falcon	352063	
50 mL polypropylene centrifuge tubes	Falcon	352098	
6-well cell culture plates	Falcon	353046	
Benzonase Nuclease	Sigma	E8263-25KU	
Cell scraper	Fisher Scientific	179693	
Dimethyl sulfoxide	Sigma	D2650-100ML	
Dulbecco's Modified Eagle Medium	Corning	MT-10-013-CV	
Dulbecco's Phosphate Buffered Saline	Corning	MT-21-031-CV	
Fetal Bovine Serum	Hyclone	SH3007003	
Giemsa Stain	Sigma	G3032	
Glutaraldehyde	Fisher Scientific	50-262-23	
Glycerol	Sigma	G5516	
Hank's Balanced Salt Solution (HBSS)	Corning	MT-21-021-CV	
High-Glucose Dulbecco's Phosphate-buffered Saline	Sigma	D4031	
Human immune globulin	Gamastan	NDC 13533-335-12	
Magnesium chloride	Fisher Chemical	M33-500	
Media Sterilization filter, 250 mL	Nalgene, Fisher Scientific	09-740-25E	
Media Sterilization filter, 500 mL	Nalgene, Fisher Scientific	09-740-25C	
Neutral Red solution	Sigma	N4638	
Paraformaldehyde	Fisher scientific	15710S	

Plate rocker	Fisher	88861043	
Potassium Ferricyanide	Sigma	P8131	
Potassium Ferrocyanide	Sigma	P9387	
Sodium chloride	Fisher Chemical	S271-3	
Sorvall ST 16R Centrifuge	ThermoFisher Scientific	75004381	
Sorvall ST 21R Centrifuge	ThermoFisher Scientific	75002446	
Sterile Microcentrifuge Tubes with Screw Caps	Fisher Scientific	02-681-371	
Sucrose	Fisher Scientific	BP220-1	
Syringe Filter, 0.45 PVDF	MilliporeSigma	SLHV033RS	
Syringe Filter, 0.8 MCE	MilliporeSigma	SLAA033SS	
Syringe filter, 5 µm PVDF	MilliporeSigma	SLSV025LS	
T150 culture flask	Falcon	355001	
Tris-HCl	MP Biomedicals LLC	816116	
Ultrasonic water bath	Branson	CPX-952-116R	
X-gal	Corning	46-101-RF	