

Materials List for:

Handling of the Cotton Rat in Studies for the Pre-clinical Evaluation of Oncolytic Viruses

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Materials

Name	Company	Catalog Number	Comments
Dulbecco's modified Eagle's medium	Gibco	11965-092	May use any brand
1X Phosphate Buffered Saline			Can prepare in lab, filter to sterilize
200 mM L-glutamine	Gibco	25030164	May use any brand
100x Antibiotic-Antimycotic	Gibco	15240-062	May use any brand
Fetal bovine serum	Quality Biological Inc.	110-001-101HI	May use any brand
T-150cm ² tissue culture flask	Fisher Scientific	14-826-80	May use any brand
1X TypLE Express	Life Technologies	12604-013	
12-well cell culture plate, flat bottom	Fisher Scientific	08-772-29	May use any brand, must be tissue culture treated
alamarBlue	Life Technologies	DAL1025	May use an alternative reagent for determination of cell viability
8640 Teklad 22/5 Rodent diet	Harlan	8640	
1/8" corncob rodent bedding	Harlan	7092	
Nestlets	Ancare	-	Made of pulped virgin cotton fiber, dust-free and autoclavable
50 mL Conical tubes	Fisher Scientific	14-432-22	May use any brand, must be sterile
Isoflurane USP, 99.9 %, inhalation anesthetic	Pharmaceutical Partners of Canada Inc.	M60302	
70% Ethanol			Can prepare in lab
10 % Neutral Buffered Formalin	Sigma-Aldrich	HT501128	May use any brand
NAPCO NapFlow 1200 Class II A/ B3 Biosafety Microbiological Safety Cabinet (cell culture hood)	NAPCO	Model used not currently available	May use any brand
Thermo Fisher Scientific Precision Heated Water Bath	Fisher Scientific	Model used not currently available	May use any brand

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Reichert Bright-line Hemacytometer	Sigma-Aldrich	Z359629	May use any brand
Typhoon Trio BioAnalyzer	GE Healthcare Life Sciences	Model used not currently available	May use any fluorescence plate reader
Tecan Safire ² Multi-detection Microplate Reader	Tecan	Model used not currently available	May use any fluorescence plate reader
Allegra 6R benchtop centrifuge	Beckman Coulter	366816	May use any brand
Table Top Anaesthesia machine	VetEquip	Model used not currently available	May use any brand, must be portable
Wahl Peanut Mini Clippers	Wahl		May use any brand of small clippers

Insulin syringes 29 G x 1/2', 0.3 mL	BD	329464	May use any brand. Insulin syringes are recommended as they make injections easier through the rat's tough skin.
Cotton swabs	MedPro	018-425	May use any brand
Sharp-Pointed Dissecting Scissors	Fisher Scientific	8940	May use any brand
Dissecting Tissue Forceps	Fisher Scientific	13-812-41	May use any brand