

Materials List for:

# Optimal Lentivirus Production and Cell Culture Conditions Necessary to Successfully Transduce Primary Human Bronchial Epithelial Cells

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## Materials

Name	Company	Catalog Number	Comments
HEK293T/17 cells	ATCC	CRL-11268	
Fetal bovine serum (FBS)	Sigma	12306C	use at 10%
DMEM	Thermo Scientific	11995-040	
Penicillin/Streptomycin (100x)	Thermo Scientific	15140-122	use at 1x
Collagen I	BD Biosciences	354231	dilute 1:75 in distilled water
Calphos	Clontech	631312	Transfection kit containing 2 M Calcium solution, 2x HEPES-Buffered solution (HBS) and sterile H <sub>2</sub> O
Polyethylene glycol 8000	VWR scientific	101108-210	stock of 40%
Amphotericin B	Sigma	A9528	use at 1x
Trypsin	Sigma	T4799	
Soybean trypsin inhibitor	Sigma	T9128	
Transwell 12 mm	Corning	3460	
Collagen IV	Sigma	C7521	dilute 1:10 in distilled water
Hexadimethrine bromide	Sigma	H9268	stock of 2 mg/ml
Puromycin (10.000x)	Thermo Scientific	A11138-03	use at 1x
Alliance HIV-1 p24 ELISA	PerkinElmer	NEK050001KT	
F12	Thermo Scientific	11765-054	
pCDH-EF1-MCS-IRES-Puro	System Biosciences	CD532A-2	lentiviral expression vector
pMD2-VSVG	Addgene	12259	packaging DNA
pMDLg/pRRE	Addgene	12251	packaging DNA
pRSV-rev	Addgene	12253	packaging DNA