

Materials List for

## Transient Transduction of the Strobilated Forms of Echinococcus granulosus

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## **Materials**

Name	Company	Catalog Number	Comments
12-well culture plates	SPL Life Sciences	30012	
25 cm <sup>2</sup> culture flask	SPL Life Sciences	70325	
6-well culture plates	SPL Life Sciences	30006	
Calcium chloride	Sigma-Aldrich	C4901-500G	Working concentration: 2.5 mM
CMRL 1066 medium	Thermo Fisher Scientific	11530037	
CO <sub>2</sub> incubator	memmert	ICO150	
D-(+)-Glucose	Sigma-Aldrich	G8270-1KG	
DMEM	Life Technology	12100046	
Dog bile			Isolated from a euthanized dog and sterilized by 0.2 µm syringe filter
Eosin Y	Sigma-Aldrich	E4009-5G	prepare 0.1% of Eosin for working exclusion test
Fetal Bovine Serum (FBS)	DNAbiotech	DB9723-100ml	Heat inactivation of FBS (30 min in 40 °C)
Fetal Calf Serum (FCS)	DNAbiotech	DB9724-100ml	Heat inactivation of FCS (30 min in 40 °C)
HEK293T cells	BONbiotech	BN_0012.1.14	Human embryonic kidney 293T
HEPES buffered saline (HBS)	Sigma-Aldrich	51558-50ML	2x concentrate
Inverted fluorescence microscope	OLYMPUS	IX51	
Penicillin	Sigma-Aldrich	P3032-10MU	Working concentration: 100 IU/mL
Pepsin	Roche	10108057001	Working concentration: 2 mg/mL, pH 2
Phosphate-buffered saline (PBS)	DNAbiotech	DB0011	This reagent solve in less than 1 min in D.W
Polybrene (Transfection reagent)	Sigma-Aldrich	TR-1003-G	
RPMI medium	Bioldea	BI-1006-05	



Sodium bicarbonate (NaHCO <sub>3</sub> )	Sigma-Aldrich	S5761-1KG	
Streptomycin	Sigma-Aldrich	S9137-25G	Working concentration: 100 μg/mL
Third-generation lentiviral plasmid (pCDH513b)	SBI System Biosciences (BioCat GmbH)	CD513B-1-SBI	Transfer vector (obtained commercially from Molecular Medicine Research Department of Iranian Academic Center for Education, Culture and Research (ACECR), Mashhad, Iran)
Third-generation lentiviral plasmid (pLPI and pLPII)	Invitrogen (Life Technologies)	K4975-00	Helper vector (obtained commercially from Molecular Medicine Research Department of Iranian Academic Center for Education, Culture and Research (ACECR), Mashhad, Iran)
Third-generation lentiviral plasmid (pMD2G)	Addgene	Plasmid 12259	Helper vector (obtained commercially from Molecular Medicine Research Department of Iranian Academic Center for Education, Culture and Research (ACECR), Mashhad, Iran)
Tris/EDTA Buffer (TE)	DNAbiotech	DB9713-100ml	
Trypsin	Sigma-Aldrich	T9935-50MG	1x working solutions (pH 7.4–7.6)