

Materials List for:

Highly Sensitive Assay for Measurement of Arenavirus-cell Attachment

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Materials

Name	Company	Catalog Number	Comments
DMEM	Life Technologies	11965-118	
Penicillin-Streptomycin	Life Technologies	15140-163	100x
HEPES Buffer Solution	Life Technologies	15630-130	100x
PBS pH 7.4	Life Technologies	10010-023	1x
Vero E6 cells	American Type Culture Collection	CRL-1586	
Costar 48-well plate	Corning	3548	
RNeasy mini kit	Qiagen	74106	do not mix buffers RLT or RW1 with bleach
QIAshredder homogenizer	Qiagen	79654	
Taqman Universal PCR Master Mix	Life Technologies	4326614	
Multiscribe Reverse Transcriptase (50U/μl)	Life Technologies	4311235	
dNTP Mixture (10 mM; 2.5 mM each dNTP)	Life Technologies	N808-0260	
GeneAmp 10X PCR Buffer II and 25 mM MgCl ₂ solution	Life Technologies	N808-0010	
RNase Inhibitor (5000U/100 μl)	Life Technologies	N808-0119	
RT primer 5'-AAGGGTTTAAAAATGGTAGCAGAC-3'	Integrated DNA Technologies	250 nmol DNA oligo	standard desalting
Forward qPCR primer 5'-CATGGAGGTCAAACAACCTTCCT-3'	Life Technologies	4304971	standard desalting
Reverse qPCR primer 5'-GCCCTCCAGACATGGTTGTGA-3'	Life Technologies	4304971	standard desalting
TaqMan Probe 5'-6FAM-ATGCATCGGATCCTT-MGBNFQ-3'	Life Technologies	4316033	HPLC purified
MicroAmp Fast Optical 96-well reaction plate (0.1 mL)	Life Technologies	4346906	
StepOnePlus Real-Time PCR System	Life Technologies	4376598	or other qPCR instrument