

Materials List for:

Assays for the Specific Growth Rate and Cell-Binding Ability of Rotavirus

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Materials

Name	Company	Catalog Number	Comments
7500 Real Time PCR System	Applied Biosystems		qPCR
Agar-EPI	Nakalai Tesque, Inc	01101-34	Plaque assay
Disodium Hydrogenphosphate	Wako Pure Chemical Corporation	194-02875	Cell binding assay
Eagle's MEM "Nissui" ①	Nissui Pharmaceutical Co., Ltd	_05900	Cell culture
Eagle's MEM "Nissui" ②	Nissui Pharmaceutical Co., Ltd	_05901	Plaque assay
EasYFlask 75 cm ²	Thermo Scientific	156499	Cell culture
Fetal bovine Serim, qualified, USDA-approved regions	Gibco	10437028	Cell culture and Plaque assay
Forward / Reverse primers	Eurofins Genomics		qPCR
L-Glutamine, 200 mM Solution	Gibco	2530081	Cell culture and Plaque assay
Neutral Red	Wako Pure Chemical Corporation	140-00932	Plaque assay
PBS (-) "Nissui"	Nissui Pharmaceutical Co., Ltd	_05913	Cell culture and Plaque assay
Penicillin-Streptomycin, Ligid	Gibco	15140122	Cell culture and Plaque assay
Potassium Chloride	Wako Pure Chemical Corporation	163-03545	Cell binding assay
Premix ExTaq (Perfect Real Time)	TAKARA Bio Inc.	RR039A	qPCR
PrimeScriptTN RT reagent Kit (Perfect Real Time)	TAKARA Bio Inc.	RR037A	cDNA synthesis
PrimeTime qPCR Probes	Medical and Biological Laboratories Co., Ltd.		qPCR
QIAamp Viral RNA Mini Kit	QIAGEN	52904	RNA extraction
Sodium Bicarbonate	Wako Pure Chemical Corporation	199-05985	Cell culture and Plaque assay
Sodium Chloride	Wako Pure Chemical Corporation	198-01675	Cell binding assay
Tissue culture plates 24-well plate	TPP	92024	Cell binding assay
Tissue culture plates 6-well plate	TPP	92006	Plaque assay
Trizma base	SIGMA-ALDRICH	T1503	Cell binding assay
Trypsin from porcine pancreas	SIGMA-ALDRICH	T0303-1G	Activate for rotavirus
Trypsin-EDTA (0.05 %), phenol red	Gibco	25300054	Cell culture
Vertical 96-Well Thermal Cycler	Applied Biosystems		cDNA synthesis