

Materials List for:

Cefoperazone-treated Mouse Model of Clinically-relevant *Clostridium difficile* Strain R20291

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Materials

Name	Company	Catalog Number	Comments
#62 Perisept Sporidicial Disinfectant Cleaner	SSS Navigator	48027	This product will require dilution as recommended by the manufacturer
0.22 µm filter	Fisherbrand	09-720-3	Alternative to filter plate for indivdiual samples tested in the Vero Cell Assay
0.25% Trypsin-EDTA	Gibco	25200-056	Needs to be heated in water bath at 37 °C prior to use
0.4% Trypan Blue	Gibco	15250-061	
1% Peniciilin/Streptomycin	Gibco	15070-063	
10% heat inactivated FBS	Gibco	16140-071	Needs to be heated in water bath at 37 °C prior to use
1 ml plastic syringe	BD Medical Supplies	309628	
1x PBS	Gibco	10010-023	
2 ml Micro Centrifuge Screw Cap	Corning	430917	
96 well cell culture flat bottom plate	Costar Corning	CL3595	
96 well filter plate	Millipore	MSGVS2210	
Adhesive Seal	ThermoScientific	AB-0558	
Bacto Agar	Becton Dickinson	214010	Part of TCCFA plates (see below)
Bacto Proteose Peptone	Becton Dickinson	211684	Part of TCCFA plates (see below)
Cefoperazone	MP Bioworks	199695	
Cefoxitine	Sigma	C47856	Part of TCCFA plates (see below)
Clostridium difficile Antitoxin Kit	Tech Labs	T5000	Used as control for Vero Cell Assay
Clostridium difficile Toxin A	List Biological Labs	152C	Positive control for Vero Cell Assay
D-cycloserine	Sigma	C6880	Part of TCCFA plates (see below)
Distilled Water	Gibco	15230	
DMEM 1x Media	Gibco	11965-092	Needs to be heated in water bath at 37 °C prior to use
Fructose	Fisher	L95500	Part of TCCFA plates (see below)
Hemocytometer	Bright-Line, Sigma	Z359629	
KH ₂ PO ₄	Fisher	P285-500	Part of TCCFA plates (see below)
MgSO ₄ (anhydrous)	Sigma	M2643	Part of TCCFA plates (see below)
Millex-GS 0.22 µm filter	Millex-GS	SLGS033SS	Filter for TCCFA plates
Na ₂ HPO ₄	Sigma	S-0876	Part of TCCFA plates (see below)
NaCl	Fisher	S640-3	Part of TCCFA plates (see below)

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Number 10 disposable scalpel blade	Miltex, Inc	4-410	
PCR Plates	Fisherbrand	14230244	
Plastic petri dish	Kord-Valmark Brand	2900	
Sterile plastic L-shaped cell spreader	Fisherbrand	14-665-230	
Syringe Stepper	Dymax Corporation	T15469	
Taurocholate	Sigma	T4009	Part of TCCFA plates (see below)
Ultrapure distilled water	Invitrogen	10977-015	
C57BL/6J Mice	The Jackson Laboratory	664	Mice should be 5 - 8 weeks of age
Olympus BX43F light microscope	Olympus Life Science		
DP27 camera	Olympus Life Science		
cellSens Dimension software	Olympus Life Science		