

Materials List for:

Anaerobic Growth and Maintenance of Mammalian Cell Lines

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Materials

Name	Company	Catalog Number	Comments
Whitney A35 anaerobic chamber	Don Whitley Scientific	Microbiology International	The ability to remove the front of the chamber makes it easy to put instruments inside without concern about getting them through the portals.
CO2 incubator	Fisher Scientific	3531	
Tissue Culture Hood	Labconco	DO55735	
pipet aid	Drummond	4-000-100	
sterile transfer pipets	Santa Cruz	sc-358867	
50cc sterile conical centrifuge tubes	DOT	451-PG	
vaccum jar	Nalgene 111410862889	BTA-Mall 5311-0250	
DMEM high glucose (4.5 g/L)	CellGro	10-017-CM	
DMEM low glucose (1 g/L)	CellGro	10-014-CV	
FBS	VWR	1500-500	
HBSS	VWR	20-021-CV	
trypsin	VWR	25-052-CI	
gentamicin	Gibco	15750-060	
sterile pipets	CellTreat	229210B, 229205B	
Tissue culture flask (T75 or T150)	Santa Cruz	sc-200263, sc-200264	
24 well tissue culture treated dishes	DOT	667124	
glad ziplock sandwich bags	Ziploc	Costco	
inverted phase microscope (10, 20 40x objectives with camera mont)	Nikon Eclipse	TS100	
trypan blue	Invitrogen	T10282	
hemocytometer	Invitrogen	C10283	
Countess Automated Cell Counter	Life Technologies	AMQAF1000	
Rainin microtiter pipets	Mettler Toledo	Rainin Classic Pipette PR-100	
microtiter tips	Santa Cruz Biotechnology	sc-213233 & sc-201717	
test tube rack (50cc tubes)	The Lab Depot	HS29050A	
sodium nitrite	Sigma	https://www.sigmaaldrich.com/catalog/product/sigald/237213?lang=en&region=US	
clear boxes with lids	Rosti Mepal	Rubber maid	
paper towels	In House		
cell scraper	CellTreat	229310	
PBS	In house prepared		

70% Ethanol	Fisher Scientific	64-17-5	
microcentrifuge tubes sterile	Santa Cruz	sc-200273	
biohazard bags with holder (desktop)	Heathrow Scientific	HS10320	
Nitrile Gloves	VWR	89428	
oxygen electrode	eDAQ	EPO354	
pH meter	Jenway	3510	
pH paper/ pHydrion	Sigma Aldich	Z111813	