

Materials List for

Microbial Control and Monitoring Strategies for Cleanroom Environments and Cellular Therapies

Amanda D. East¹, James E. T. Gebo¹, Anna F. Lau¹

¹Sterility Testing Service, Department of Laboratory Medicine, Clinical Center, National Institutes of Health

Corresponding Author

Anna F. Lau
anna.lau@nih.gov

Citation

East, A.D., Gebo, J.E.T., Lau, A.F. Microbial Control and Monitoring Strategies for Cleanroom Environments and Cellular Therapies. *J. Vis. Exp.* (193), e65209, doi:10.3791/65209 (2023).

Date Published

March 17, 2023

DOI

10.3791/65209

URL

jove.com/video/65209

Materials

Name	Company	Catalog Number	Comments
20-25°C Incubator			Lab preference
30-35°C Incubator			Lab preference
Alcohol-based hand sanitizer			Lab preference
BacT/ALERT Dual-T instrument	BioMerieux Industry		
Beard cover			Lab preference
Biosafety cabinet (BSC)			Lab preference
Cleanroom shoes			Lab preference
Fluidthioglycollate medium (FTM)	Hardy Diagnostics	U84	USP
Handheld cleaning mop	Contec	2665LF	
Hypodermic needle			Lab preference
iFA+ BacT/ALERT bottle	Biomerieux	412990	
iFN+ BacT/ALERT bottle	Biomerieux	412991	
Isokinetic head			Lab preference
Laser particle counter	TSI Incorporated	9500-01	
LpH III	Steris	1S16CX	
Mirror			Lab preference
Non-sterile bouffant			Lab preference
Non-sterile gloves			Lab preference
Non-sterile shoe covers			Lab preference
Non-sterile sleeve covers			Lab preference
Parafilm			Lab preference
Peridox RTU	Contec	CR85335IR	
Plastic bag			Lab preference
Sabouraud Dextrose Agar with Lecithinase and Tween (SABLT)	Hardy Diagnostics	P595	USP, irradiated
Sabouraud Dextrose Agar (SAB)	Hardy Diagnostics	W565	USP, irradiated
Safety glasses			Lab preference
Scrubs (top and bottom)			Lab preference

Spor-Klenx RTU	Steris	6525M2	
Sterile 70% isopropyl alcohol (IPA)	Decon CiDehol	8316	
Sterile alcohol wipe			Lab preference
Sterile boot covers	Kimberly Clark		Cat# varies based on size
Sterile coveralls	Kimberly Clark		Cat# varies based on size
Sterile face mask			Lab preference
Sterile gloves			Lab preference
Sterile hood	Kimberly Clark		Cat# varies based on size
Sterile low-lint wipes	Texwipe	TX3210	
Sterile mop cleaning pads	Contec	MEQT0002SZ	
Sterile sleeve covers	Kimberly Clark	36077	
Sterile spreading rod	Fisher Scientific	14665231	
Sterile syringe			Lab preference
Tacky mats			Lab preference
Tryptic Soy Agar (TSA)	Hardy Diagnostics	W570R	USP, irradiated
Tryptic Soy Agar with Lecithinase and Tween (TSALT)	Hardy Diagnostics	P520R	USP, irradiated
Tryptic Soy Broth (TSB)	Hardy Diagnostics	U46	USP
Tubing			Lab preference
Vesphene III	Steris	1S15CX	
Viable air sampler	Hardy Diagnostics	BAS22K	
Vortex			Lab preference