

How to Safeguard your Cell Culture from Contamination















Лусорlasma

Contamination of your cell culture can be the result of any of these conditions:

- Contaminated glass or plastic ware, cell line, or media
- Improper technique
- Incubator and its components
- Airborne contaminants
- Lab environment and instruments



CO₂ Incubator needs to be cleaned with a disinfectant or detergent first and then rinsed with sterile water followed by 70% alcohol.



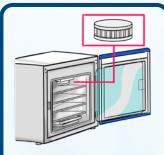
Avoid using chlorine-based detergents/disinfectants.



Change water (sterile water is recommended) in water pan periodically.



Allow autoclaved water to cool before adding to water pan.



Change the ULPA filter at least once a year or when the filter is dirty by visual inspection.



Do not keep CO, Incubator door open for too long.



Avoid talking, laughing, coughing, when opening CO, Incubator door.



Always wear gloves.



Keep air clean: no eating, drinking, and smoking.



Always wear clean lab coat.



Avoid leaving medium and culture container on containment surfaces.













