

IMPORTANT CONSIDERATIONS

For Cell Culture

Avoid Contamination

1. Periodically clean bench tops, hood surfaces, microscopes and other work surfaces with ethanol or another germicide.
2. Always wear proper gloves and laboratory coats when handling cell culture. Laboratory coats for culturing room should not be worn outside of the room. Long hair should be tied up.
3. Only personnel fully trained with cell/tissue culturing technique should be allowed to use biosafety cabinets and hoods.
4. Use proper microbiological and aseptic techniques.
5. Use aerosol resistant barrier tips if necessary.
6. Keep refrigerators storing reagents for cell culture clean and well-organized. Discard any reagents kept for long periods of time.
7. Water in water baths should contain a disinfectant and should be changed regularly.
8. Clean incubator regularly. Water inside incubator for humidity should contain a germicide and surfaces should be wiped down with germicide.
9. Minimize movement of people and equipment in and out of the room.
10. Immediately clean up any spilled medium.
11. Only handle one cell line at a time. Maintain separate bottles of media for each cell line in culture.

Maintain Cell Health

1. Examine cultures and media daily for evidence of bacterial or fungal contamination. Test cells for the presence of mycoplasma on a regular basis.
2. Follow instructions on the provided datasheet precisely and use only the specified media and coated plates for culture.