



as precise as diagnostics should be™

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Mycoplasma Safety

Tips and Tricks

„Good housekeeping and the use of mycoplasma free serum minimizes the risk of mycoplasma contamination”

- strictly maintain “Good Laboratory Practices”.
- swab the work surface before, after and during work with 70% alcohol.
- run your laminar flow hood for at least 15 minutes before and after work.
- clean hood or bench regularly.
- keep strict aseptic conditions in your laminar flow hood.
- wash hands thoroughly.
- sterilize instruments before use.
- wipe flask and bottles with 70% alcohol before using.
- avoid mouth pipetting: the human oral flora is a mycoplasma reservoir.
- obtain cell lines from a reputable cell bank.
- prior to use quarantine all new incoming cell lines until sterility is attained and tests have been performed.
- check continuous cell lines regularly for contamination at least once every month.
- test all animal-derived media components, especially serum, and ancillary reagents such as trypsin etc. for different cell lines.
- purchase sera and animal-derived additives (e.g. trypsin) from reputable suppliers with validated Mycoplasma inactivation methods.
- do not share media or other solutions among cell lines or among operators.
- avoid the prophylactic or constant use of antibiotics.
- check the characteristics of the culture regularly.