

CTE Skill Certificate Test Performance Documentation

This document must be submitted to the test coordinator at the end of testing each trimester/semester.

Instructor's Name: _____ Course: **Biotechnology**
School: _____ Test Number: **708**
Students in course: _____ Date: _____
Students tested: _____
Students who passed performance objectives at or above 80%: _____

This is to *verify* that the students marked **YES** on performance accomplished the following performance objectives at or above the 80% (moderately to highly skilled) level.

1. Research and present biotechnology concepts using effective communication skills.
2. Demonstrate appropriate use of personal protective devices.
3. Demonstrate proper aseptic/sterilizing procedures.
4. Demonstrate proper use and handling of micropipettes.
5. Maintain accurate records and documentation according to minimum good documentation practices (GDP).
6. Prepare solutions of defined concentrations and pH.
7. Prepare bacterial growth media.
8. Demonstrate the ability to culture and maintain microorganisms.
9. Perform a restriction digest and analyze the results with gel electrophoresis.
10. Demonstrate the ability to use PCR technology.
11. Demonstrate the ability to use proper separation techniques to differentiate between proteins based on size and structure (chromatography and SDS-PAGE).
12. Perform a bacterial transformation and analyze results.

Each performance is documented and kept on file by the teacher for two years.
(Check the documentation method used)

- Class period summary score sheet
- Recorded and identified in the class grade book

Instructor's Signature: _____ Date: _____