

# **MASTER: Antimicrobial Susceptibility Testing Methods**

SPONSORED BY THE CENTERS FOR DISEASE CONTROL AND PREVENTION OFFICE OF ANTIMICROBIAL RESISTANCE

AN ONLINE LEARNING/ELEARNING COURSE  
AVAILABLE AT [WWW.CDC.TRAIN.ORG](http://WWW.CDC.TRAIN.ORG)



**U.S. Department of  
Health and Human Services**  
Centers for Disease  
Control and Prevention

## DESCRIPTION

This course provides a detailed overview of antimicrobial susceptibility testing methods including reference methods such as those described by the Clinical and Laboratory Standards Institute (CLSI) and commercial test systems. It focuses on technical and regulatory considerations for any method of medical laboratory antimicrobial susceptibility testing. The course provides essential information for those new to antimicrobial susceptibility testing and an important refresher for laboratory professionals with more experience.

## AUDIENCE

Laboratory professionals who have knowledge of basic medical microbiology and who perform antimicrobial susceptibility testing or are considering adding it to the laboratory's testing menu.

## SPECIAL NEEDS

Course content is closed captioned where applicable and optimized for a screen reader.

## FREE REGISTRATION

- Register online at [www.cdc.gov/labtraining](http://www.cdc.gov/labtraining)
- If you have difficulty with the online registration process, please email [labtraining@cdc.gov](mailto:labtraining@cdc.gov)
- For additional program information, email [labtraining@cdc.org](mailto:labtraining@cdc.org) or call (404) 498-6022

## CONTINUING EDUCATION

The Centers for Disease Control and Prevention Laboratory Training Branch is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This course is approved for 1.5 contact hours.

This course has been approved for 1.5 contact hours in the category of Microbiology/Mycology/Parasitology for Florida Laboratory Licensees.

## OBJECTIVES

At the conclusion of this program, the participant will be able to:

- Identify the steps required to perform the clinical and Laboratory Standard Institute (CLSI) disk diffusion and minimal Inhibitory Concentration (MIC) reference procedures.
- Identify the key steps that must be modified when performing disk diffusion or MIC procedures for fastidious organisms.
- Recognize CLSI's standards on commercial antimicrobial susceptibility test systems.
- Review the importance and limitations of commercial antimicrobial susceptibility test systems

## CE INFORMATION

P.A.C.E.™ Course Number: 288-027-15

FL Course Number: 20-434651

**For a complete list of courses, visit [www.cdc.gov/labtraining](http://www.cdc.gov/labtraining).**