

EUCAST Network Laboratories

The EUCAST Network Laboratories form two separate loosely constructed networks of microbiology laboratories with particular expertise and training in EUCAST Antimicrobial Susceptibility Testing (AST) for bacteria and EUCAST Antifungal Susceptibility Testing (AFST) methods, respectively.

EUCAST Network Laboratories are committed to help develop, validate and troubleshoot EUCAST AST/AFST methods and/or to help train and educate other laboratories in EUCAST methods. These laboratories will also play an important role in the development of improved methods and/or assist clinical breakpoint development by providing species-specific MIC datasets.

Not all EUCAST Network laboratories will offer the same services or skills. Some may specialize in educating laboratory staff. Others may be specialized in tests on particular organisms, resistance mechanisms or in methodological development.

Laboratories applying to be part of the EUCAST Laboratory AST or AFST Networks will be asked to submit quality control (QC) data for relevant strains and antimicrobial agents to the EUCAST AST or AFST Development Laboratories. EUCAST QC requirements must be met before the laboratory is accepted as a EUCAST Network laboratory.

Network laboratories should work in close collaboration with National AST Committees (NACs).

Network laboratories will be listed on the EUCAST website.

The data submitted through the mechanisms described below, will be aggregated with data from other EUCAST network laboratories and used to develop or validate EUCAST AST methods. Some data may be published in scientific publications, in which case the network laboratories will, by prior agreement, be included in the publication. Other data will be published on the EUCAST website, in which case data from individual laboratories will not be identifiable, making it possible for the individual laboratories to publish separately if they wish.

Application form - EUCAST Laboratory Network for AST of bacteria

EUCAST Network laboratories are experienced in EUCAST disk diffusion and/or broth microdilution MIC (according to the ISO standard) methods. They are also expected to use EUCAST methods routinely and to perform QC on all days when routine tests are performed. Materials (manufacturer, lot, expiry date and date of first use) shall be fully traceable.

[Application form to become a “EUCAST Network Laboratory for Bacteria”](#)

Application form - EUCAST Laboratory AFST Network for testing yeast or moulds

EUCAST Network laboratories are experienced in EUCAST broth microdilution MIC methods (for yeast E.Def 7.3 and for moulds E.Def 9.3). They are also expected to use EUCAST methods routinely and to perform QC tests on all days when routine tests are performed. Materials (manufacturer, lot, expiry date and date of first use) should be fully traceable.

[Application form to become a “EUCAST Network Laboratory for Yeast or Moulds”](#)

The data submitted through the network will be aggregated with data from other laboratories and used to develop or validate EUCAST AST methods. Some data may be published in scientific publications, in which case the network laboratories will, by prior agreement, be included in the publication. Other data will be published on the EUCAST website, in which case data from individual laboratories will not be identifiable, making it possible for the individual laboratories to publish if they wish.