

PROGRAMME 118: ANTIMICROBIAL SUSCEPTIBILITY TESTING BY DIFFUSION - DISK METHOD

Measurements of inhibition zone diameters and report of raw and interpreted clinical categorisations for each antibiotic tested

124 € excl. VAT – total amount for 1 test (excluding transport costs)

New in 2023

New

Parameters to analyse	Tube		Number of measurements per parameter and per tube
	Volume	Number	
23M118.1 – sent in May 2023 - Refrigerated parcel			
Antibiotics: inhibition zone diameters and report of raw and interpreted clinical categorisations	10 mL	1	1

PARTICULARITIES

Receipt of a neutral solution contaminated by an identified strain, with a clinical scenario.

Isolation, preparation of the inoculum and implementation of an Antimicrobial Susceptibility Testing (AST) by diffusion.

Global evaluation with:

- Evaluation of clinical categorisations considering the dispersion around the diameter for each antibiotic,
- Evaluation of the measurement of inhibition zone diameters for each antibiotic,
- Evaluation of overall trends to over or underestimate the diameter measurement across all antibiotics.

Assessments provided for several technicians: report of referent results and up to 5 additional results (measurement of diameters).

☞ Find the Antimicrobial Susceptibility Testing by diffusion - gradient method (MIC strips): programme 118A.

The documents of this External Quality Assessment are not translated into English.

Recommended period to start the sample treatment (PRDT):
time interval during which the quality of test materials is optimal (in number of days)

Antibiotics: inhibition zone diameters, raw and interpreted clinical categorisations	D ₀ +1
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D₀: Day the samples are sent to all the participants (for most proficiency tests, Tuesday)