FAA-HB AD Clindamycin 0.008-8

ENGLISH

System for Clindamycin susceptibility testing with the agar dilution method.

INTENDED PURPOSE

FAA-HB AD Clindamycin 0.008-8 is a panel for quantitative determination of the minimum inhibitory concentration (MIC) of Clindamycin against anaerobic bacteria.

DESCRIPTION

FAA-HB AD Clindamycin 0.008-8 is a 12-well panel containing the antibiotic incorporated into Fastidious Anaerobe Agar w/ Horse Blood (FAA-HB) in different concentrations, i.e. 11 two-fold dilutions (0.008 - 8 µg/ml).
The device is used to perform the AD (Agar Dilution) method for the antimicrobial susceptibility testing of clindamycin in a simpler and less time-consuming way.

KIT CONTENT

- 6 panels individually packed in plastic bag
- Reading Template
- Instructions Sheet

MATERIALS REQUIRED BUT NOT PROVIDED

Standard microbiological supplies and equipment such as:

-loops - pipettes - Brucella Broth - swabs - culture media - incubator

-test tubes - 0.5 McFarland turbidity standard - quality control organisms

CONFIGURATION

	Clindamycin Concentration (µg/ml)			
A	8	4	2	1
B	0.5	0.25	0.125	0.064
C	0.032	0.016	0.008	Growth control

Growth control: No antimicrobial agent in the well.

PRINCIPLE OF THE METHOD

All wells are inoculated with a standardized microbial suspension.
After incubation the MIC result is read and interpreted.

SPECIMEN COLLECTION AND PREPARATION

FAA-HB AD Clindamycin 0.008-8 is not for use directly with clinical or other specimens. The microorganism to be tested must first be isolated on a nonselective culture medium. In case of mixed culture, selected colonies should be purified by subculturing. Differential media harboring chromogenic or fluorogenic substrates should not be used for the subculture. It is recommended that cultures be no more than 24 hours old unless additional incubation is required to achieve sufficient growth.

TEST PROCEDURE

1. Take a panel from its envelope and leave it at room temperature for 10 min.
2. Prepare a suspension of the test organism in Brucella Broth using either the direct colony suspension or growth method.
3. Dispense 2 µL of the inoculum solution over the agar surface (*) into each well (the final inoculum concentration should be approximately 10^5 CFU per spot).
4. Inoculate the growth-control well (no antimicrobial agent) first and then, the other wells containing the different antimicrobial concentrations.
5. Let the inoculated panel stand at room temperature until the moisture in the inoculum spots has been absorbed into the agar (i.e., until the spots are dry).
6. Cover the panel with the lid provided and incubate in an anaerobic jar or alternative anaerobic environment at 36 ± 1°C for 42–48 hours.

*Fastidious Anaerobe Agar w/ Horse Blood (FAA-HB)

READING THE RESULTS

At the end of the incubation period observe the growth in the wells and establish the MIC, i.e. the minimum concentration at which a marked reduction occurs in the appearance of growth compared with that of the control well.
Single colonies, pinpoint colonies and a thin film of growth should be ignored.
The results are read visually.
The Reading Template provided with the kit allows to determine quickly the correct MIC result.

Note: Ensure that the panel is properly positioned before reading the results, the ABC on the template must match the ABC on the panel.
The growth-control well should be evaluated first. Make sure it is positive for growth. If not, check the viability of the colonies picked and repeat the test using a new panel and a microbial culture of recent growth.

INTERPRETATION OF THE RESULTS
The MIC obtained should be interpreted according to current EUCAST interpretative criteria.

USER QUALITY CONTROL

QC of FAA-HB AD Clindamycin 0.008-8 is performed using the following reference strains:

Control strain	MIC QC range (µg/ml)
Bacteroides fragilis ATCC® 25285	0.5-2
Clostridium perfringens ATCC® 13124	0.03-0.125

LIMITATIONS

Invalid results can be caused by poor specimen quality, improper sample collection, improper transportation, improper laboratory processing, or a limitation of the testing technology. The operator should understand the principles of the procedures, including its performance limitations, in advance of operation to avoid potential mistakes.

WARNINGS AND PRECAUTIONS

1) For research use only (RUO).
2) For laboratory professional use only.
3) Operators must be trained and have certain experience. Please read the instructions carefully before using the kit. Reliability of assay results cannot be guaranteed if there are any deviations from the instructions in this document.
4) Do not use if a panel, tube or packaging appears to be damaged.
5) Avoid cross-contamination of samples by using disposable tips and changing them after each sample.
6) Do not mix reagents of different batches. Please use the kit within the validity period.
7) Do not eat, drink, smoke, apply cosmetics or handle contact lenses in areas where reagents and human specimens are handled.
8) Ensure laboratory equipment is calibrated and maintained in accordance with the laboratory's procedure.

STORAGE

Store FAA-HB AD Clindamycin 0.008-8 at 2-8°C in the original packaging. Do not use the panels beyond the expiry date indicated on the label. Eliminate without using if there are signs of deterioration.

DISPOSAL OF USED MATERIAL

After use, FAA-HB AD Clindamycin 0.008-8 and material that has come into contact with the sample must be decontaminated and disposed of in accordance with guidelines used in the laboratory for decontamination and disposal of potentially infected material.

REFERENCES

1. The European Committee on Antimicrobial Susceptibility Testing. Breakpoint tables for interpretation of MICs and zone diameters. Version 16.0, 2026. https://www.eucast.org.
2. The European Committee on Antimicrobial Susceptibility Testing. Routine and extended internal quality control for MIC determination and disk diffusion as recommended by EUCAST. Version 16.0, 2026. http://www.eucast.org
3. CLSI. *Methods for Antimicrobial Susceptibility Testing of Anaerobic Bacteria*. 9th ed. CLSI standard M11. Wayne, PA: Clinical and Laboratory Standards Institute; 2018.

Product	Packaging	Ref.
FAA-HB AD Clindamycin 0.008-8	6 tests	77066

Table of Symbols

RUO	For Research Use Only
REF	Catalogue number
LOT	Batch code
	Do not reuse
	Fragile, handle with care
	Manufacturer
	Use by
Σ	Contains sufficient for <n> tests
	Consult instructions for use
	Keep away from heat
	Temperature limits

Revision History

Revision	Release Date	Change Summary
1	14 Jan 2026	Update layout and content
0	23 Apr 2024	Initial release

Note: Minor typographical, grammar, and formatting changes are not included in revision history.

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