



Instructions for use



INOCLIC®

Ref : FP-0341

Validé : 06/03/23

PRODUCT DESCRIPTION

The "Straight wire" or "platinum wire" has been widely used in the past to inoculate culture media. INOCLIC® is directly inspired by this principle, keeping the simplicity of the process, and eliminating defects. INOCLIC® is recommended for all traditional uses of platinum wire such as inoculation of agar culture media or preservation media in tubes by deep central puncture, or the suspension of bacteria in liquid media. INOCLIC® is particularly suitable for the production of standardised bacterial inocula for antibiotic susceptibility testing.

INOCLIC® rods are disposable and are disposed of after use. They can be used directly by hand.

NATURE AND PACKAGING

INOCLIC® is a rod with a size and composition specifically designed to ensure the functions described above. INOCLIC® is supplied in the packages listed in the following table:

REF. I2A	DESCRIPTION
040001	INOCLIC® short - (Qty: 250)
040004	INOCLIC® long - (Qty: 250)

Table 1 : List of materials supplied by i2a item references

CONSERVATION

INOCLIC® rods should be stored in their original packaging, in a dry place and at room temperature.

METHOD

Materials supplied: see Table 1 : List of materials supplied by i2a item references

Materials required but not provided: Culture media, reagents, quality control strains and laboratory equipment required.

PROCEDURE – Preparation of an inoculum for antibiogram with INOCLIC®.

- Hold an INOCLIC® between two fingers by the side you will not use to pick colonies. The rod should be kept vertical, at 90° compared to the agar surface (Figure 1).
- With the INOCLIC®, pick 3 to 5 colonies: deeply pick the first colony (by passing through it as well as the agar until Petri dish's bottom and then, remove the INOCLIC® with the opposite movement) and then, touch the surface of the following ones.



Figure 1: Picking a bacterial colony with INOCLIC®.





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- Put collected colonies in suspension (Figure 2) in a water tube whose volume is adapted to the followed technique (Table 1).

To this end, slightly incline the tube and put the INOCLIC® end on the moist side, without submerging it. Remove the colonies on this side by giving to the rod an up and down movement as well as a rotation on its axis.



Figure 2: Putting colonies collected with INOCLIC® in a water tube

Antibiotic susceptibility testing method	Water volume for suspension
CA-SFM 2013	9mL
CA-SFM / EUCAST 2016	0.7mL
CLSI	0.7mL

Table 1: Table of connection between antibiogram methods and water volumes

The following paragraph outlines the method of inoculating a medium for antibiotic susceptibility testing by swabbing.

Inoculation of a medium for antibiotic susceptibility testing by swabbing technique

- Close the tube to prevent splashing
- Vortex the tube for a few seconds to ensure perfect homogenisation of the suspension.
- Dip the sterile SIRscan® Swab (or other swab defined for performing susceptibility testing) into the previously prepared bacterial suspension.
- Wring it out by pressing it firmly (by turning it) against the inner wall of the tube in order to unload it as much as possible.
- Swab the entire surface of the agar in three directions.

PERFORMANCE

Method comparison: The results of the diffusion susceptibility tests obtained with inoculas prepared using INOCLIC® system were compared with inoculas prepared according to the EUCAST reference procedure. The concordance rate between the two methods was 97.8% (expected value > 90%) and 2.2% discrepancies (expected value < 3%).

Reproducibility: the result obtained is 98.7%.

PRECAUTIONS FOR USE

It is recommended to not handle rods by the side intended for picking colonies, in order to avoid any contamination.

INOCLIC® rods should not be flame sterilized before using.

In case of poor culture, you can pick only one colony with INOCLIC®: this specific case requires to control the bacterial growth when reading the antibiogram. If the growth is too « poor », do not take results into account and restart the operation. INOCLIC® rods are not recommended for small colonies with a diameter lower or equal to the rod itself. Colonies abnormally mucous that do not adhere to the Pasteur pipette will not adhere to INOCLIC®





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rods in good conditions. These colonies should not be picked with INOCLIC®, particularly if collecting an accurate quantity of germs in a reproducible way is required.

For professional laboratory use only.

For in vitro diagnostic use only.

The handling of microbiological cultures and the disposal of waste must be carried out in accordance with the regulations in force.

DISPOSAL OF REAGENTS

The tube and rods should then be disposed of following the laboratory's usual procedure for contaminated single-use material.

VIGILANCE

Any serious incident in connection with the device must be reported to the manufacturer and to the competent authority of the country in which the user is established.



Swiss Authorized Representative :

CMC Medical Devices GmbH
Bahnhofstrasse 32
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Swiss Importer :

Axon Lab AG
Täferstrasse 15
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Switzerland



UK Responsible Person :

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