todylaboratories®
Microbiology Reagents

CE

CLO Clotrimazole

IVD

REFERENCE CODE	
C53MR1060-50	Set x 50 teste
C53MR1060-500	Set x 500 teste

SUMMARY AND EXPLANATION

Antifungal discs CLO with content of 30 µg clotrimazole are intended for determination of microfungi sensitivity to clotrimazol

PRINCIPLE

Antifungals diffuse from disc to agar, what creates partly selective zone inhibiting growth of native microbiome.

DIAGNOSTIC KIT CONTAINS

- Tube with diagnostic discs: 500 pc (Ref. C53MR1060-500)
  50 pc (Ref. C53MR1060-500)

REQUIRED MATERIALS

- Petri dishes with agar intended for determination of antifungal sensitivity
- loops, burner, tubes and other basic equipment of microbiological laboratory

RECCOMENDED PROCEDURE

1. Prepare suspension of tested strain in saline with 0,5 McF turbidity. Spread suspension thickly on Petri dish.
2. Place sterilely disc CLO on inoculated Petri dish, press it gently, so that whole surface of disc is in contact with medium. Incubate for 18-24 h at temperature 35 ± 2 °C.

EVALUATION AND INTERPRETATION

After incubation, observe growth of microfungi around diagnostic disc seen as round zone and its size.

Functionality of antifungal discs can be verified by these control strains:

Bacterial strain	CCM / ATCC	Inhibition zone
Candida albicans	8261 / 90028	20 - 22 mm

WARNINGS AND security PRECAUTIONS

- **For in vitro diagnostics use.**
- **For professional use only**
- Follow the instructions exactly!
- All samples and inoculated products have to be considered as potentially infectious and obvious safety valid regulations must be respected while handling.
- Do not use product out of expiration.
- Before use, check if the packaging is intact. Do not use damaged kit.
- Leftovers of expired or devaluated product liquidate according to regulations of your country. Packaging materials are recyclable.

STORAGE

Keep discs in dark at temperatures between +2 and +8 °C.

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