



MIC Test Strip Technical Sheet **Gonococci**

Specimen

Uro-genital tract, oropharynx, conjunctiva, blood, CSF and sterile sites and tissues.

Medium	GC agar base + defined supplements (CLSI) or Mueller Hinton Chocolate Agar (Ref. 10355)
Inoculum	Suspension in broth to 0.5 McFarland (Ref. 80400)
Incubation	36 ± 1°C / 5% CO ₂ / 20-24 hours
Reading precautions	Bactericidal drugs: interpret the M.I.C. at complete inhibition of all growth including microcolonies, hazes and isolated colonies. Bacteriostatic drugs: interpret the M.I.C. at 80% inhibition when trailing is seen.

	Quality Control (MIC µg/mL) <i>N. gonorrhoeae</i> ATCC® 49226	CLSI INTERPRETATION MIC Criteria (µg/mL)			EUCAST INTERPRETATION MIC Criteria (µg/mL)		Example of ANTIBIOGRAM 140 mm petri dish
		S	I	R	S	R	
P PENICILLIN G	0.25-1	≤0.06	0.12-1	≥2	≤0.06	>1	✓
CRO CEFTRIAXONE	0.004-0.016	≤0.25			≤0.12	>0.12	✓
CIP CIPROFLOXACIN	0.001-0.008	≤0.06	0.12-0.5	≥1	≤0.03	>0.06	✓
TE TETRACYCLINE	0.25-1	≤0.25	0.5-1	≥2	≤0.5	>1	✓

Susceptible (S), Intermediate (I), Resistant (R)

Disclaimer: The table is intended for general guidance only and may not contain all the necessary information. Also reported interpretive criteria and QC MIC ranges might be out of date. Always current guidelines from CLSI and/or EUCAST should be consulted.

References

1. CLSI M100. Performance Standards for Antimicrobial Susceptibility Testing. 31st Edition, 2021.
2. EUCAST. Breakpoint tables for interpretation of MICs and zone diameters. Version 11.0, 2021.
3. Routine and extended internal quality control for MIC determination and disk diffusion as recommended by EUCAST. Version 11.0, 2021.
4. CLSI M07. Methods for Dilution Antimicrobial Susceptibility Tests for Bacteria That Grow Aerobically. 11th Edition, 2018.

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