

**As per CLSI (Clinical Laboratory Standards Institute) Guidelines (Formerly NCCLS)
(Based on results obtained using Mueller Hinton Agar)**

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Organism	Enterobacteriaceae, <i>P. aeruginosa</i> , <i>Staphylococcus spp.</i> , <i>Enterococcus spp.</i>	<i>Acinetobacter spp.</i> , <i>Stenotrophomonas maltophilia</i>	<i>Haemophilus influenzae</i> / <i>Haemophilus parainfluenzae</i>	<i>Neisseria gonorrhoeae</i>	<i>Streptococcus</i> and <i>Neisseria meningitidis</i>
Medium	MHA (Mueller Hinton Agar)	MHA (Mueller Hinton Agar)	HTM (Haemophilus Test Medium) [For all agents when testing <i>H. influenzae</i> or <i>H. parainfluenzae</i>] or MHP (Hager Agar) with 5% mechanically defibrinated horse blood and 20 µg/ml NAD [For selected agents when testing <i>H. influenzae</i>]	GC Agar Base and 1% defned growth supplement. The use of a cationine free growth supplement is not required for diffusing test.	MHA with 5% sheep blood or MHA-Agar MHA with mechanically defibrinated horse blood and 20 µg/ml NAD.
Inoculum	Direct Colony Suspension	Direct Colony Suspension	Direct Colony Suspension	Direct Colony Suspension	Direct Colony Suspension
Incubation Characteristics	16–18 hours, 35°C ± 2°C, 24 hours for <i>Staphylococcus</i> when testing <i>Staphylococcus</i> , <i>S. aureus</i> , <i>S. epidermidis</i> , <i>S. parvulus</i> and <i>S. saprophyticus</i> . Testing at temperatures above 35°C may not detect <i>MSSE</i> , 24 hours for <i>Haemophilus</i> when testing <i>Enterococcus</i> spp.	20–24 hours, 35°C ± 2°C	5°C, 16–18 hours, 35°C ± 2°C	5°C, 20–24 hours, 36°C ± 1°C	5°C, 20–24 hours, 35°C ± 2°C Do not exceed 37°C

Abbreviations:
R: Resistant; **I:** Intermediate; **S:** Susceptible; ***:** SDD-: Susceptible-Dose Dependent.
#: *Staphylococcus epidermidis*, *S. pseudintermedius*, *S. schleiferi* only; **##:** *Staphylococcus* spp. except *S. aureus*, *S. lugdunensis*, *S. epidermidis*, *S. pseudintermedius*, *S. schleiferi*.
 All the values are in mm.

Bibliograph

1. Bauer, Kirby, Sherris and Turck, 1966, *Am.J.Clin.Path.*, 45:493.
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3. NCCLS (2004) Reference method for antifungal disk diffusion susceptibility testing of yeasts; approved guideline. NCCLS document M44-A. National Committee for Clinical Laboratory Standards, Wayne.
4. Performance Standards for Antimicrobial Disk Susceptibility Tests M-100, CLSI34th Edition, February 2024.