

**BD088**                      **CEPHOTAXIME/CEFOTAXIME/CLAVULANIC ACID (CC, 30,75 mcg)**

**SPECIFICATIONS:**

**COLOUR:** White discs of 6 mm diameter with abbreviated name.

**DIRECTIONS:**

1. Prepare sterile plates of Mueller Hinton Agar (B263).
2. Make a pure inoculum of cultures – E. coli (ATCC 25922), S. aureus (ATCC 25923) and P. aeruginosa (ATCC 27853) to 0.1 O.D.
3. Dip a sterile swab into the standardized inoculum and press against the wall of the test tube to remove excess liquid.
4. Swab the plates by rotating in all directions till the plate becomes dry.
5. Place the antimicrobial disc on the swabbed plates aseptically with the help of forcep. Press the disc properly on the plates.
6. Incubate the plates at 35 C - 37oC for18- 24 hours.

**RESULTS:**

Measure the zone diameters in mm observed in the plates and compare them with the CLSI or non CLSI zone chart, as applicable.

Standard diameter for zone of inhibition in mm 30 mcg

Resistant.	Intermediate	Sensitive	
≤ 22	23-25	≥ 26	Test organism- ( <b>E. coli</b> - ATCC 25922)
≤ 14	15-22	≥ 23	Test organism- ( <b>S. aureus</b> - ATCC 25923)
≤ 1415-22		≥ 23	Test organism- ( <b>P. aeruginosa</b> -ATCC 27853)

Standard diameter for zone of inhibition in mm 75 mcg

Resistant.	Intermediate	Sensitive	
-----	19-35	----	Test organism- ( <b>E. coli</b> - ATCC 25922)
-----	25-31	----	Test organism- ( <b>S. aureus</b> - ATCC 25923)
----- 18-22		----	Test organism- ( <b>P. aeruginosa</b> -ATCC 27853)

**USE:**It is used for antimicrobial sensitivity for relevant test organisms for laboratory diagnosis.

**Precautions :**For Laboratory Use.

**Storage:**Below 8°C (preferably at -20°C)

**Packing:**50 discs in vial

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**TECHNICAL SHEET**

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