

NEW

AmpC & ES β L DETECTION DISCS

Mast[®] - leaders in ES β L detection



**AmpC
ES β L**



- *Simple to test*
- *Easy to interpret*
- *Identify ES β L and AmpC resistance*
- *Reduces inappropriate treatment*

D68C AmpC & ESβL Detection Set

Interpretation of results

Compare the zone of inhibition (in mm) for the cefpodoxime (**A**) to that of the cefpodoxime plus inhibitor discs (**B, C** and **D**) where

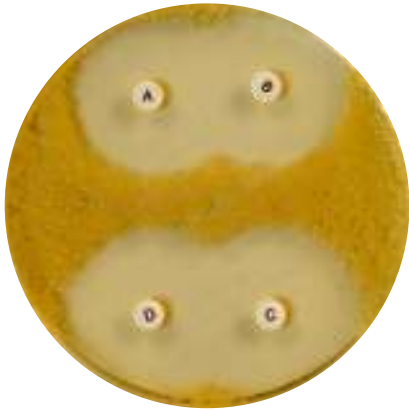
A. Cefpodoxime 10ug (CPD10)

B. CPD10 + ESβL inhibitor

C. CPD10 + Amp C inhibitor

D. CPD10 + ESβL and AmpC inhibitors

Non ESβL or AmpC producer



No evidence of ESβL or AmpC mediated resistance.

AmpC



If **(C) – (A)** OR **(D) – (B)** is ≥ 5 mm then the isolate is positive for AmpC.

ESβL



If **(B) – (A)** is ≥ 5 mm then the isolate is positive for ESβL.

ESβL and AmpC



If **(D) – (C)** is ≥ 5 mm BUT **(B) – (A)** is < 5 mm then the isolate is also positive for both ESβL and AmpC enzyme.

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