



# MAST GROUP LTD

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## Combination Disc Set for AmpC and ESBL Detection from MAST

The increasing prevalence of AmpC and ESBL resistance has resulted in a corresponding requirement for a simple, reliable yet cost-effective method to detect such resistant organisms in order to implement effective infection control measures.

Mast has introduced a new 4 disc AmpC and ESBL Detection Set (D68C) consisting of a single Cefpodoxime 10ug disc together with a further three separate combination discs each containing Cefpodoxime plus an appropriate ESBL or AmpC inhibitor. ([Click here for product information](#))

This D68C disc set utilises double disc diffusion to detect and differentiate between ESBL and AmpC producers based on a comparative measurement of the four zones of inhibition produced.

A recent poster detailing the use of the D68C AmpC & ESBL Detection Set was presented at the Australian Society for Antimicrobials (ASA) and was awarded the 2009 Biomerieux ASA Identifying Resistance Travel Award.

To view a copy of the poster entitled " Comparison & Evaluation of a Newly Developed Mast 4 Disc test for the Detection of Plasmid Mediated AmpC  $\beta$  Lactamases "

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