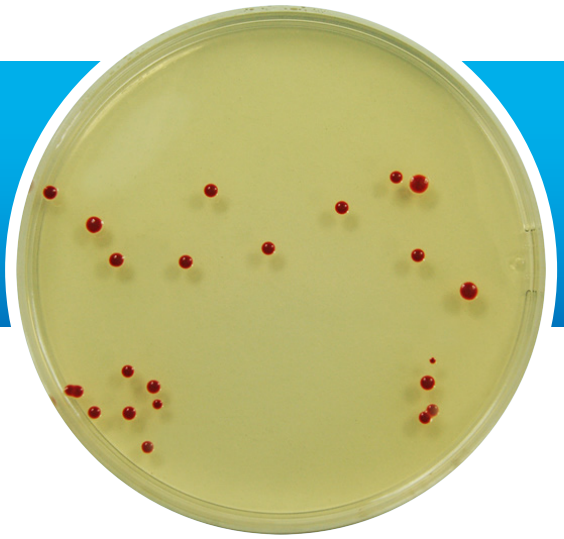
PP3032 COLOREX™ ACINETOBACTER



The reporting frequency of multidrug-resistant *Acinetobacter baumannii* (MDRAB) associated infections are increasing worldwide. *Acinetobacter spp.* have been previously associated with urinary tract and surgical site infections but *A.baumannii* has emerged as leading cause of ventilator associated pneumonia and bacteraemia in intensive care patients.[1]
Even with the implementation of strict cleaning regimens and patient isolation, many hospitals have reported the implication of MDRAB in nosocomial infections.[2]

Colorex™ Acinetobacter is a chromogenic medium for the detection of *Acinetobacter spp.* particularly multidrug-resistant *A.baumannii*. Positive colonies exhibit a distinct red colouration with a pale grey centre enabling easy interpretation amongst blue, violet or colourless colonies that may be produced by other Gram negative bacteria. Gram positive bacteria and yeast are inhibited on this medium. Some *Pseudomonas* and *Burkholderia spp.* may grow on this medium producing pale red colonies but are readily distinguishable due to differences in colonial morphology compared to the *Acinetobacter spp.*

Acinetobacter baumannii – Red colonies
Gram – ve bacterial species – Violet / colourless colonies or inhibited
Gram +ve bacteria species – Inhibited

[1] Livermore, D. et al. 2006. Journal of Clinical Microbiology, 44(10): 3623-3627
[2] Wareham, D. et al. 2009. Journal of Clinical Microbiology, 47(7): 2249-2251

Formula	gm/litre
Peptone & Yeast extract	16.0
Chromogenic & selective mix	2.8
Agar	15.0

Properties	
Appearance	Firm Gel
Colour	Straw
pH	7.2 ± 0.2
Storage	2 - 8°C
Shelf Life	35 days

Quality Control Test Organisms	Ref. No.	Result
Acinetobacter baumannii	NCTC 10303	Red Colonies
Escherichia coli	NCTC 12241	Inhibited
Pseudomonas aeruginosa	NCTC 12903	Inhibited
Staphylococcus aureus	NCTC 12981	Inhibited

Recommended Incubation: Aerobically at 37°C ± 1°C for 18 - 24 hours.

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Microbiological Culture Media

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