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Section: Technical Manual	Subject Title: Cetrimide Pseudomonas Selective Agar	
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CETRIMIDE PSEUDOMONAS SELECTIVE AGAR

Principle

Cetrimide Selective Agar is used for the identification of *Pseudomonas aeruginosa*. Cetrimide is a compound that has germicidal activity against most organisms except *Pseudomonas aeruginosa*. Also pigment production is enhanced on this media.

Procedure

1. Divide the plate into approximately 8 pie shaped divisions.
2. Streak the test organism (pure culture) onto one of the pie shaped divisions.
3. Incubate at 35⁰C for 18 - 24 hours.

Interpretation

Pseudomonas aeruginosa will grow on this media and will be pigmented a pale green to dark blue-green colour. All other organisms will not grow or will be non-pigmented.

Quality Control

Test with positive and negative controls each time the test is set up.

Positive: *Pseudomonas aeruginosa* (ATCC 27853)
 Negative: *Escherichia coli* (ATCC 25922)

Reference

1. PML Technical Manual, 1990.