Gram Negative Rods

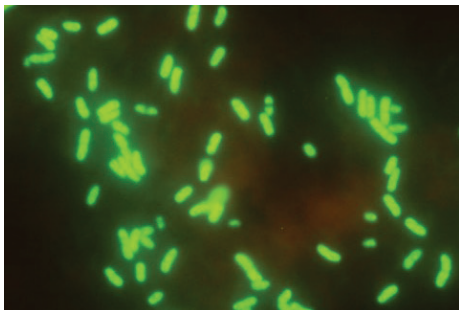
Rapid, easy identification from positive blood cultures

*Quick*FISH: Gram negative rods

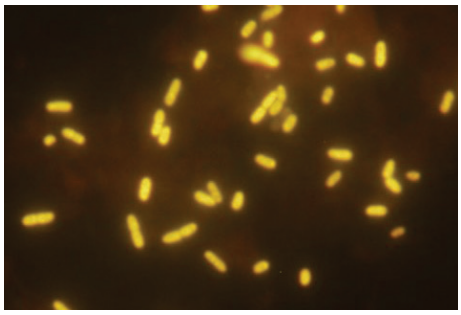
QuickFISH™ Powered by PNA Technology

- Identification of *Escherichia coli*, *Klebsiella pneumoniae* and *Pseudomonas aeruginosa* directly from blood cultures in 20 minutes
- Report species identification at the same time as the Gram stain result
- Rapidly ensure early, appropriate therapy for patients with *P. aeruginosa* infections
- Minimise the unnecessary use of aggressive anti-*Pseudomonas* therapies and broad-spectrum antibiotics

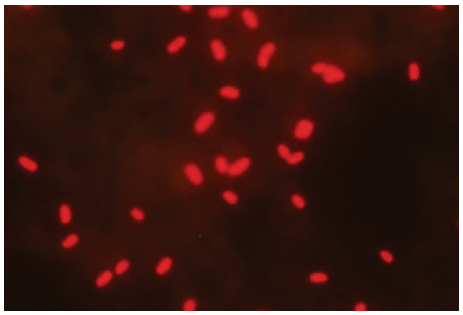
AdvanDx



E. coli



K. pneumoniae



P. aeruginosa

- According to the Health Protection Agency, bacteraemias caused by Gram negative rods are now the most common type seen in NHS hospitals, and incidence is increasing[1]
- Gram negative rods look identical under the light microscope after Gram staining - further identification to species by culture methods can take 24-48 hours
- Compared to other enterobacteria, *P. aeruginosa* is relatively resistant to many antibiotics: species ID is needed to make decision on appropriate treatment
- *Quick*FISH provides a positive, unambiguous species ID in 20 minutes, and is based on the proven, patented PNA-FISH technology from AdvanDX

_Quick_FISH: Gram negative rods allows clinicians to rapidly ensure early, appropriate therapy for patients with _Pseudomonas_ bacteraemia, while minimising the unnecessary use of aggressive and broad spectrum antibiotics for other enterobacteria.

References
1. http://www.hpa.org.uk/topics/infectiousdiseases/infectionsAZ/bacteraemia

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NJB082A 04.17