

# DIAGNOSIS

## Bacteriology

### Keywords:

Antibiotics

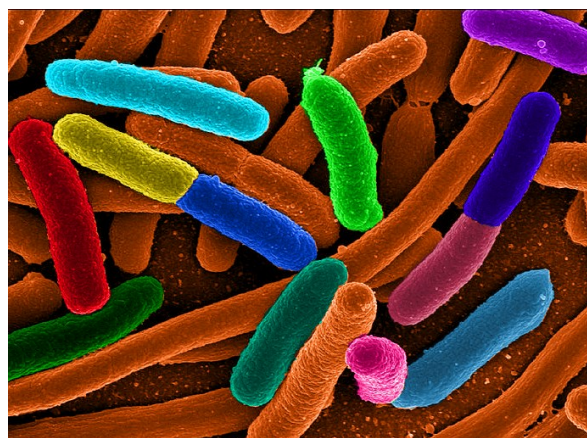
Rapid detection

Enterobacteriaceae

Quinolones

### Tool for rapid detection of Quinolone Resistance-Determining Regions (QRDR)

Original technique for rapid and reliable detection by pyrosequencing method of chromosomal quinolone resistance in *Enterobacteriaceae* families with a clinical interest in human and veterinary medicine.



### YOUR CONTACT:

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### ➔ BENEFITS:

Characterization of all the mutations involved in QRDR genes  
Any Enterobacteria isolates with clinical interest can be analysed  
Result available in 4hrs

### ➔ APPLICATIONS:

Human and veterinary medicine  
Clinical diagnosis  
Research and Epidemiology

### ➔ DEVELOPMENT STATUS:

Technology available in the laboratory  
Validation performed on main species of *Enterobacteriaceae*  
Validation of reference bacterial strains (up to 70) and clinical (up to 100) isolates  
Application for direct use on biological samples

### ➔ INTELLECTUAL PROPERTY:

French priority patent application filed on April 19, 2013 (N° FR1353627)  
PCT application filed April 17, 2014 (PCT/FR2014/050939)