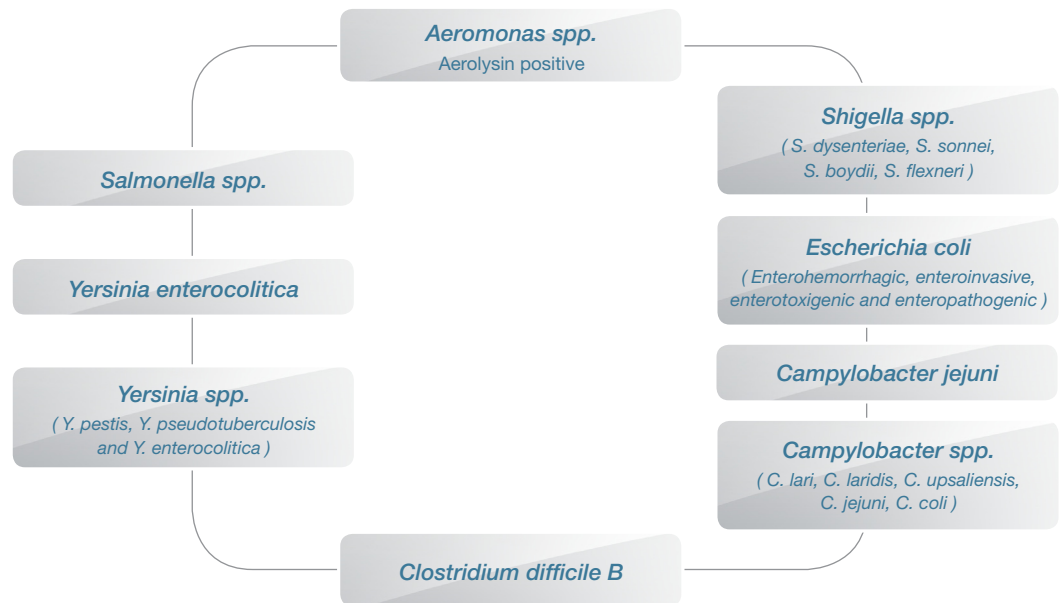




# CLART<sup>®</sup> EnteroBac

Detection of Bacteria causing Infectious Diarrhoea

## BACTERIA DETECTED :



## MAIN ADVANTAGES OF MOLECULAR METHODS IN GASTROENTERIC INFECTIONS :

- ▶ Detection of single or multiple infections of the most prevalent bacteria causing infectious diarrhoea in one test.
- ▶ Early detection of common pathogens causing outbreaks, such as *Salmonella*.
- ▶ No stool culture required.
- ▶ Classical methods such as culturing or biochemical and phenotypic tests may not detect co-infections.

## FEATURES :

- The kit is validated for automatic DNA extraction directly from stool samples.
- High sensitivity and specificity.
- Three quality controls included per sample:
  - **Genomic DNA control:** validates the extraction performance.
  - **Amplification control:** avoids false negative results.
  - **Biotin markers:** check the proper performance of the visualization reagents provided with the kit.
- Each bacteria is detected in quadruplicate avoiding unspecific bindings.

- Short turnaround time.
- Compatible with any GENOMICA automation system.

## DATA MANAGEMENT :

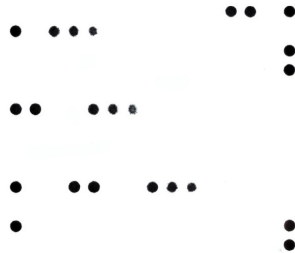
- Automatic reading and interpretation of results within 5 hours after sampling.
- User-friendly report format (html, bmp).
- Samples are analyzed individually and three complementary reports are generated.
- Every report generated can be stored, exported and printed.



REPORTING RESULTS :



Report and image obtained by CAR® reader.



B4

Result view <b>CLART® EnteroBac</b>		AT code: 50516
		Rev. 16oct3
Sample reference:	3	
Array ID:	00000050516 (C1)	
Analysis type:	tmb end point detection	
Date and time:	Fri Jan 14 15:25:36 2011	

Bacteria	Result	Controls
<i>Aeromonas spp.</i>	Negative	Passed
<i>Campylobacter coli</i>	<b>Positive</b>	Passed
<i>Campylobacter jejuni</i>	Negative	Passed
<i>Clostridium difficile</i>	Negative	Passed

ORDERING REFERENCES AND CONTACT DETAILS :

CLART® EnteroBac Amplification

48 tests: CS-0611-48

CLART® EnteroBac Visualization

48 tests: CS-0711-48

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BIBLIOGRAPHY :

1. "Diagnóstico microbiológico de infecciones gastrointestinales". 2nd Ed. (24). Procedimientos en Microbiología Clínica. Sociedad Española de Microbiología Clínica, SEIMC (2007).

2. "Diseño y optimización de un sistema rápido por multiplex-PCR e hibridación en microarray para la detección e identificación de patógenos bacterianos en pacientes con diarrea. Enfermedades Infecciosas y Microbiología Clínica". Vol 29, 33-34 (2011). 15th Congreso de la Sociedad Española de Microbiología Clínica (SEIMC). Junio 2011

