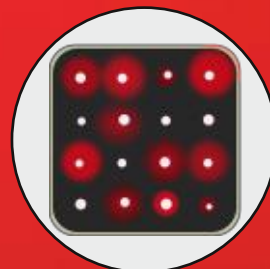
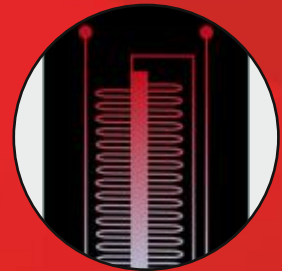
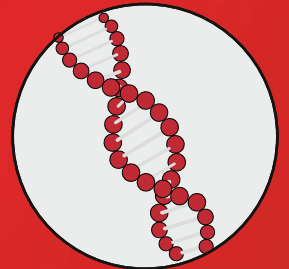


TRAPIST®

Speed-up your sepsis diagnosis
with an innovative system !

Identify bacteria and antimicrobial resistance
at the same time !



Save Time. Save Lives

TRAPIST®

TRAPIST® is a fully automated instrument to perform multiplex molecular diagnostic tests within 1 hour. TRAPIST® uses disposable cartridge that combine high multiplex continuous-flow rapid PCR amplification followed by in-line oligochromatographic detection in a microfluidic environment.

The instrument consists on a Controlling Master driving up to three Running Modules.

Each Running Module encloses technical elements to perform the analysis, and is fully controlled from the Controlling Master interface. Results are automatically displayed on the Controlling Master and send to the local laboratory server.



CARTRIDGE

DNA sample and reagents are introduced into the cartridge by a simple and convenient procedure before being automatically processed by the TRAPIST® instrument. The entire cartridge is airtight, preventing carry-over contaminations with amplified DNA.



SEPSIS APPLICATIONS

Sepsis is a major public health concern, especially due to the increased incidence of antibiotic resistant pathogens. Thus, rapid identification of bacterial pathogens and antibiotic resistance markers directly from positive blood cultures may speed up the diagnosis and help improving the choice of antimicrobial therapy.

The new SEPSIS Gram Positive Panel and SEPSIS Gram Negative Panel is the adapted solution for a fast multiplex diagnosis. Both panels respectively target clinically relevant Gram positive and Gram negative bacteria and their main resistance mechanisms, directly from positive blood culture extracted DNA.

Gram Positive

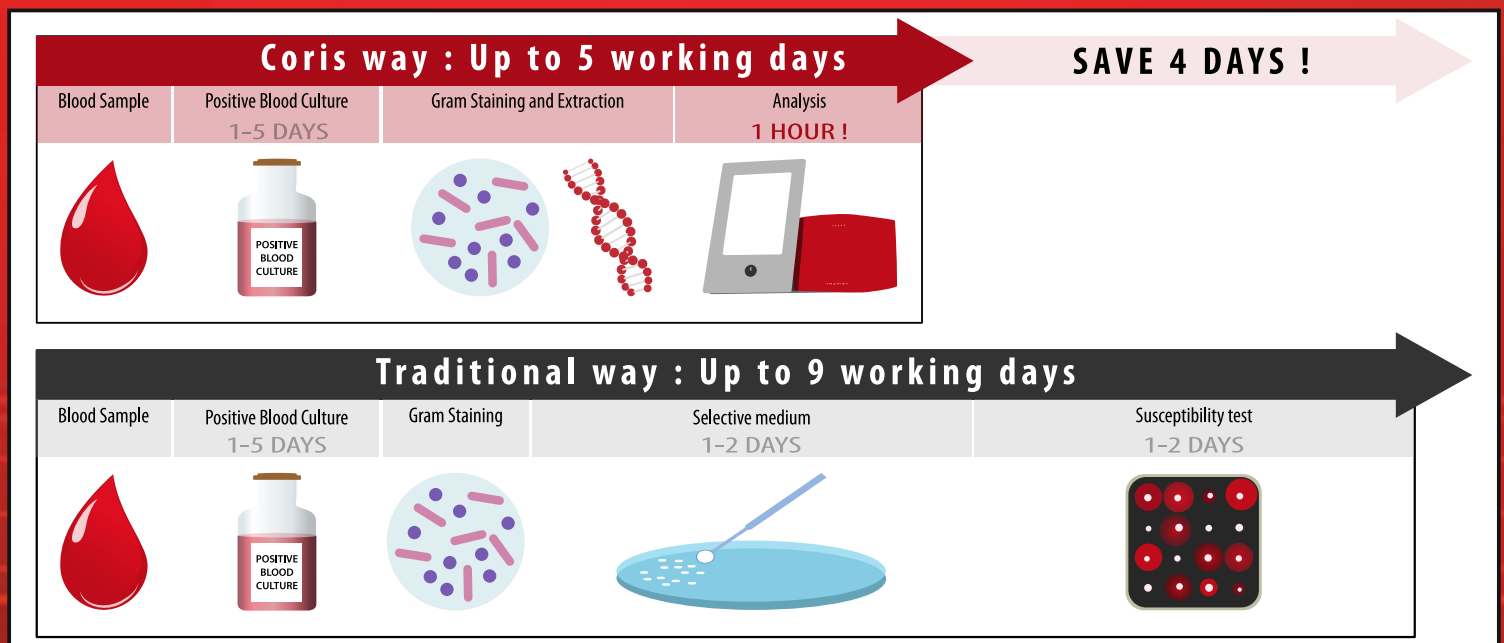
<i>Staphylococcus</i> spp.	Vancomycin Resistance (vanA)
<i>Staphylococcus aureus</i>	Vancomycin Resistance (vanB)
<i>Staphylococcus epidermidis</i>	Panton-Valentine Leukocidin
<i>Streptococcus</i> spp.	Methicillin Resistance (mecA)
<i>Streptococcus pneumoniae</i>	Methicillin Resistance (mecC)
<i>Streptococcus pyogenes</i>	
<i>Streptococcus agalactiae</i>	
<i>Enterococcus faecalis</i>	
<i>Enterococcus faecium</i>	
<i>Listeria monocytogenes</i>	

Gram Negative

<i>Escherichia coli</i>	KPC carbapenemase
<i>Pseudomonas aeruginosa</i>	IMP carbapenemase
<i>Acinetobacter baumannii</i>	VIM carbapenemase
<i>Serratia marcescens</i>	NDM carbapenemase
<i>Proteus mirabilis</i>	OXA-48 carbapenemase
<i>Neisseria meningitidis</i>	OXA-23 carbapenemase
<i>Enterobacter</i> spp.	OXA-24 carbapenemase
<i>Klebsiella pneumoniae</i>	OXA-58 carbapenemase
<i>Klebsiella oxytoca</i>	CTX-M-1 group β -lactamase
<i>Citrobacter freundii</i>	CTX-M-2 group β -lactamase
	CTX-M-9 group β -lactamase

ADVANTAGES

- **Unique panels** : multiplex identification of Gram Positive or Gram Negative bacteria and antibiotic resistance genes
- **Save Time. Save Lives** : results in less than 1 hour on DNA extracted from positive blood culture
- **Traceability** : LIS connectivity, automatic backup, printable report or USB file transfer
- **Easy to handle** : user-friendly software and touchscreen Controlling Master



Company Profile

Coris BioConcept is a leading expert in the field of immunochromatographic (IC) and oligochromatographic (OC) technologies. Based in Belgium and established in 1996, the company develops, produces and markets diagnostic kits for detection of human infectious pathogens (bacteria, viruses and parasites), for antibody detection in serum or whole blood and for the detection of antibiotic resistance markers (RESIST products). These rapid tests are extensively used in microbiology laboratories worldwide.

To complement this extensive range of fast and accurate lateral flow tests, the company has developed an innovative fully automated platform that performs multiplex PCR amplification and detection, on a microfluidic cartridge (TRAPIST® products). This molecular multiplex platform allows syndromic diagnostic approach for the clinical management of human infections.

Coris BioConcept is currently involved in multiple collaborative international projects (under Belgian and/or European grants) for the development of fast and unique nucleic acid extraction system from blood cultures, for nanotechnology solution to fight against multi-drug resistant bacteria including new rapid antibiotic resistance identification IC tests, and much more projects.

This R&D expertise is ideally suited for the “on-demand” production of innovative solutions in a rapidly changing world that calls for cutting edge biotechnology to take us forward into a healthy future.

All Coris BioConcept's products fulfill the CE marking requirements and the company is certified ISO 13485.

Coris worldwide



Coris BioConcept

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