

EntericBio realtime

Revolutionising
the standard test for
faecal pathogens

EntericBio realtime



Simple
Accurate
Efficient
Reliable
Clean
Easy
to use...

EntericBio realtime

EntericBio Realtime provides same day results direct from the stool sample.

1. No DNA extraction
2. No manual pipeting steps
3. Rapid results within 3 hours



EntericBio realtime

1. Resuspend sample and release DNA

Liberates DNA directly from the faecal sample.

The EntericBio real time assay employs a unique system for liberation of DNA directly from the faecal sample without the need for cumbersome and expensive DNA extraction.

.....
**No
extraction**



EntericBio realtime

2. Automated transfer of DNA into PCR well

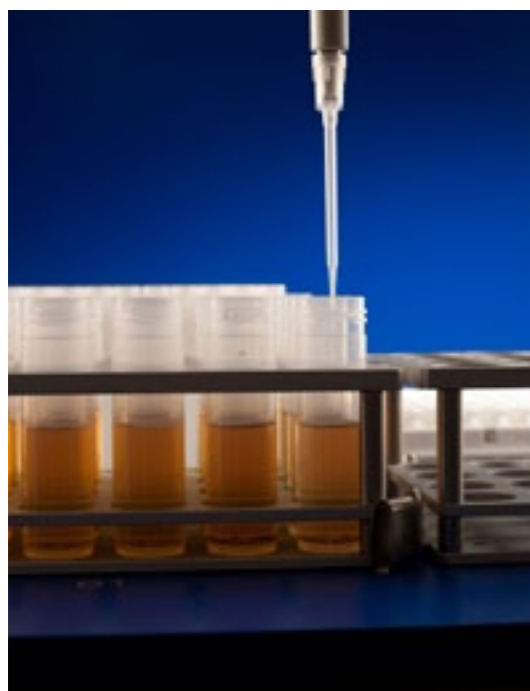
Using unique lyophilisation technology, all PCR reagents necessary to carry out the test are already freeze dried into each well.

A robot is used to automatically transfer the liberated DNA, from each re-suspended faecal sample, directly into each well of the assay.

**No
manual
pipetting**

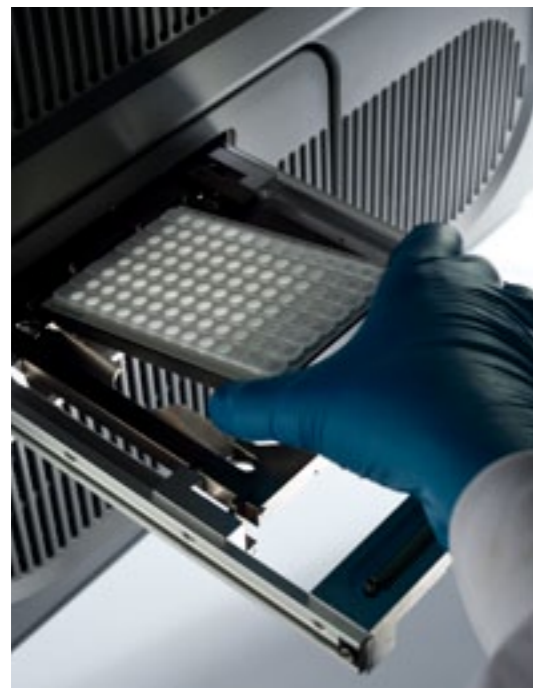
**Ready
to use**

Lyophilised reagents



3. Amplify & Detect

Following amplification positive samples are identified automatically using the EntericBio realtime macro.



Multi pathogen detection

Gastro Panel 1

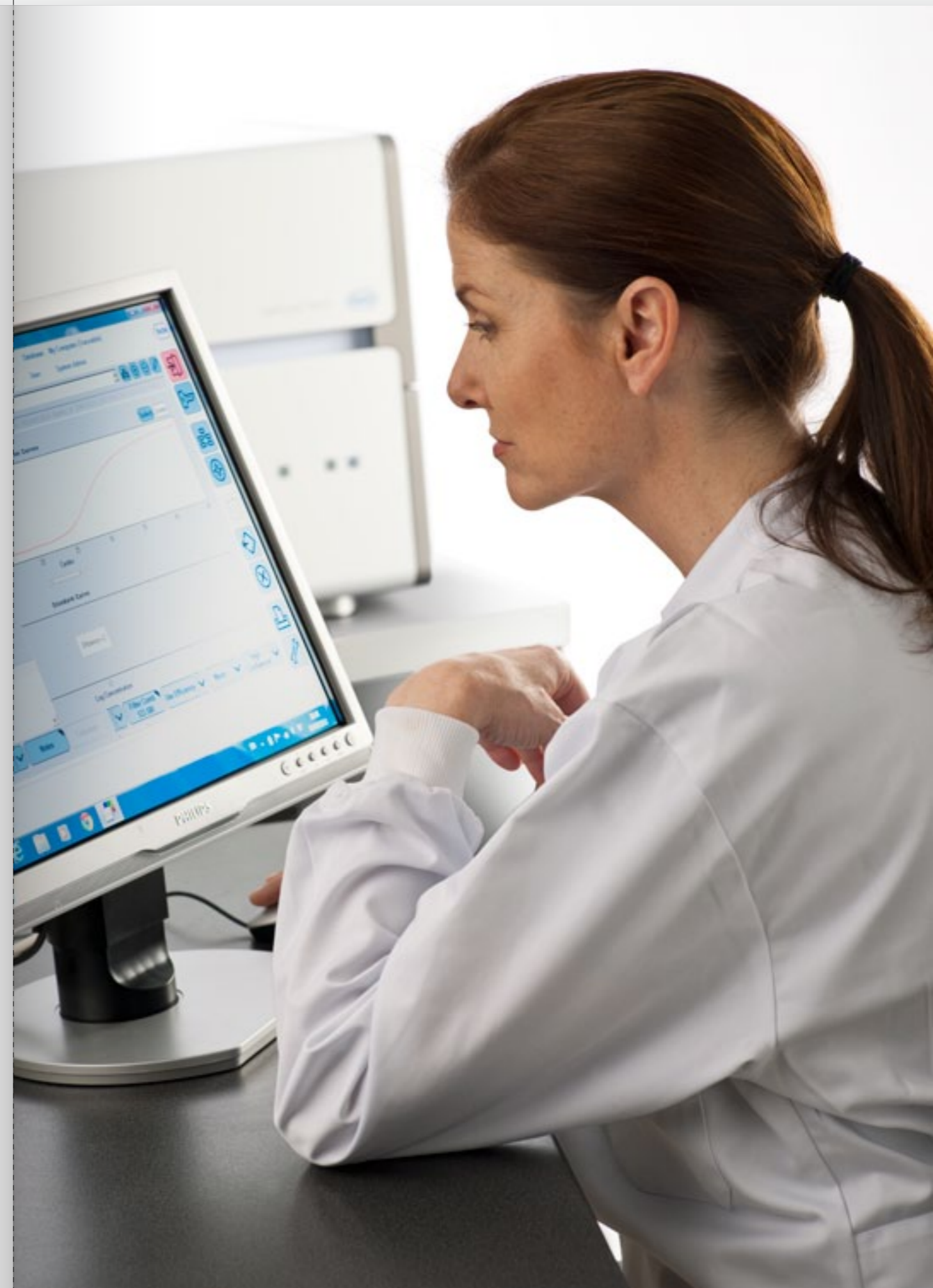
- > Salmonella
- > Shiga Toxin 1 (Stx 1)
- > Shiga Toxin 2 (Stx 2)
- > Shigella
- > Campylobacter

Gastro Panel 2 (available shortly)

- > Salmonella
- > Shiga Toxin 1 (Stx 1)
- > Shiga Toxin 2 (Stx 2)
- > Shigella
- > Campylobacter
- > Yersinia

Single pathogen detection

- > Clostridium difficile
- > Enteroinvasive E. coli (EIEC)
(available shortly)



Benefits

Rapid screening

The EntericBio real time assay allows rapid screening within a time of 3 hours.

Safety

During the release of DNA from the faecal sample a heating step at 95°C is used in the EntericBio procedure. This step also kills the pathogens making the further handling of samples in the test process safe for the user.

Waste reduction

Microbiological waste associated with faecal pathogen testing of bacteria could be reduced by 98%.

Improved accuracy for all STEC infections.

EntericBio allows for improved diagnostic accuracy for all STEC infections, offering prompt diagnosis and treatment for patient, and a rapid response tool for Government agencies in STEC outbreak situations.

Hands on time

Approximately 40 minutes to process 48 samples.



EntericBio realtime

The EntericBio Realtime method was conceived and developed by Serosep Limited, a leading company in clinical diagnostics.

EntericBio Realtime is manufactured and sold in Ireland and UK directly through Serosep and overseas through a network of international distributors.

For more information visit:
EntericBio.com



EntericBio.com

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