



Food safety excellence

**SOLUS PATHOGEN SYSTEMS**



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## SOLUS PATHOGEN SYSTEMS

Solus Pathogen Systems offer food testing laboratories a highly efficient method for the detection of Salmonella, Listeria and E. coli O157 in food and environmental samples.

Presented in an immunoassay format, Solus Pathogen tests are versatile and can be used manually or in conjunction with automation. Performing to high standards, our tests are robust, reliable and validated by AFNOR to ISO 16140.

### Solus System Benefits

- Highly efficient when automated, significantly reducing technician time
- High sample throughput can be achieved with a single machine
- Can be used manually for smaller sample throughput
- Validation in external, independent laboratories demonstrates high levels of sensitivity and specificity
- Ability to cope with fluctuating sample volumes and ability to grow
- Excellent sample traceability when using the on-board bar-code facility
- Small instrument footprint maximises bench space, compact product packaging reduces cold storage space requirement and packaging waste when compared to other methods



## SOLUS AUTOMATION

Our instrumentation allows the whole testing process to become fully automated, providing a system which allows high throughput for increased efficiency and productivity.

- Designed as a user friendly, walk away system allowing the technician greater flexibility
- Provides increased sample throughput per technician
- Accommodates 2 x 96 micro well plates in a single run
- Compact machine footprint, helping to maximise use of space in the laboratory
- The DS2 is also suitable for automating other Solus immunoassay tests

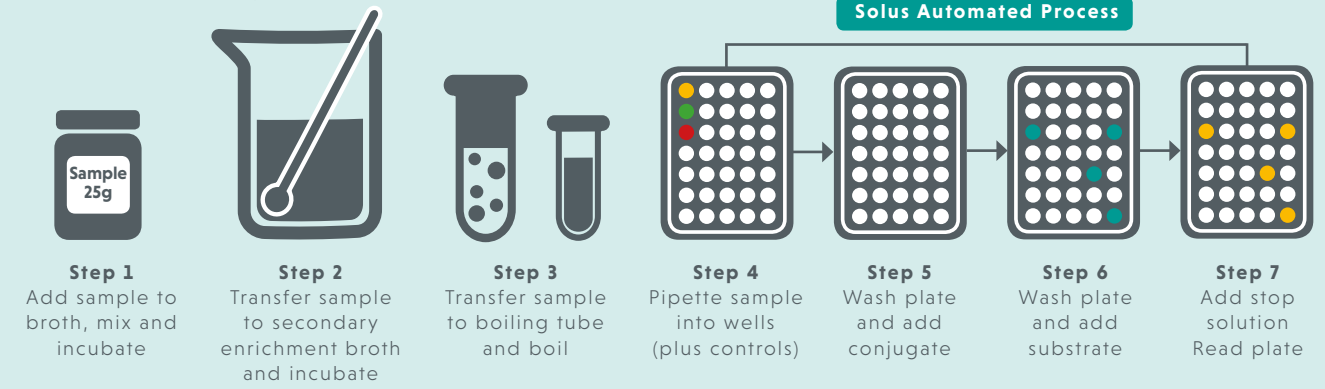
### Solus One

Solus One assays retain all of the benefits of Solus Pathogen systems, whilst delivering a faster time to result. Optimized media enables a single selective enrichment step, reducing the total incubation time from 48 to 24 hours.

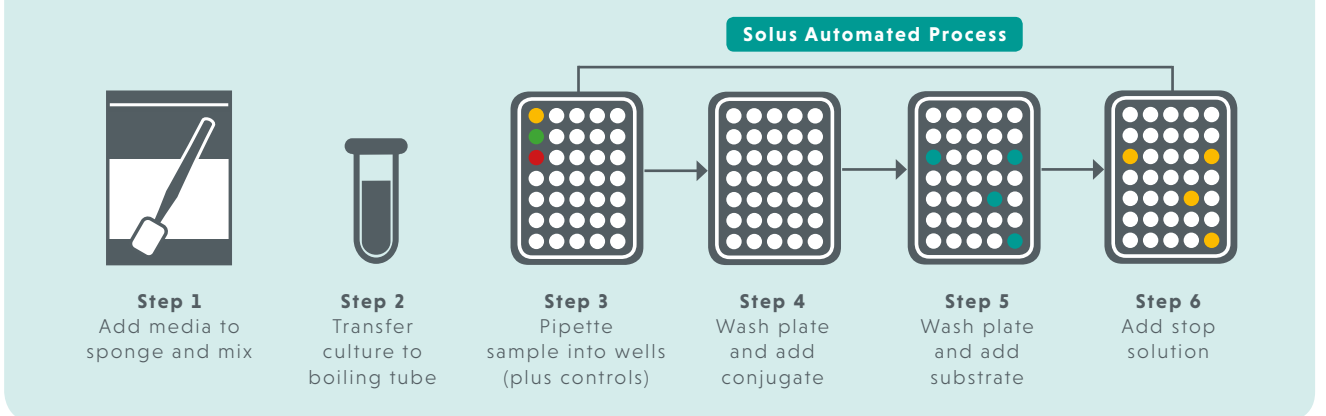
- Next day results
- Highly efficient automated assay, significantly reducing technician hands on time



### Test Methodology



### Solus One Environmental Sample Test Methodology



## SOLUS MEDIA

Solus media performs consistently and reliably with Solus pathogen systems. Our media is of high quality, which is important for the sensitive detection of target organisms and the control of false positives by suppression of background flora. Using Solus Media with our pathogen systems gives you confidence in the results generated.

Solus supply the following broths for use with immunoassay testing:

- Solus RVS Broth
- Solus Half Fraser Broth
- Solus RELM Broth
- SOLO+ Broth



## SOLUS MANUFACTURING

Solus Pathogen tests are manufactured in our own production facility to the highest standards which are tightly controlled within our ISO 9001 accredited quality system.

Call Solus Scientific on: **+44 (0)1623 429 701** for more information or visit: **www.solusscientific.com**

