

Solus One automated process is carried out on a Dynex DS2 instrument. A single DS2 processes two 96-well plates simultaneously, generating results for 372 samples in an 8-hour shift. Once the technician has loaded the instrument they can walk away for up to 2 hours during each run, providing time to carry out other essential laboratory tasks.

3rd Party data

Assay	Assay Positives	Assay Negatives	Cultural Positives	Cultural Negative
Solus One	38	2	37	3
Solus <i>Listeria</i>	38	2	38	2

Solus One compared to Solus *Listeria* (our dual enrichment, 44-hour assay). Samples collected from a food production plant, zones 2,3 and 4. World BioProducts dual sponges used to collect samples from 40 locations, which were then spiked with *L.monocytogenes*.



Food safety excellence

Solus One *Listeria* (for environmental samples)



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SOLUS ONE *Listeria*

Rapid testing and enhanced throughput for environmental samples

Faster time to result

In a fast paced food testing environment it is critical to process samples quickly and efficiently, enabling the production facility to take prompt corrective actions when necessary.

If *Listeria* is detected the lab must have the flexibility to cope with increasing sample volumes while extensive investigative sampling is being carried out, maximising throughput without the need for additional resources.

Introducing Solus One *Listeria*

A highly efficient assay for the next day detection of *Listeria* spp. in environmental samples.

Solus One *Listeria* provides a negative or a presumptive positive result from a single enrichment step in under 25 hours.

Solus One *Listeria* is the newest addition to our pathogen systems range, which comprise of specifically designed immunoassay kits, dedicated selective enrichment media and automated liquid handling.

Why choose our technology?

Solus Scientific pathogen systems have been specifically developed with the constraints of a food testing environment in mind. Committed to food safety excellence our assays bring significant productivity benefits to the labs who employ them.

Our systems use proven, industry standard immunoassay technology that is easy to implement and use.

Our methods have been adopted by many labs around the globe, who have experienced significant resource savings in comparison to alternate methods.

Our pathogen systems are robust, reliable and validated by external independent laboratories.

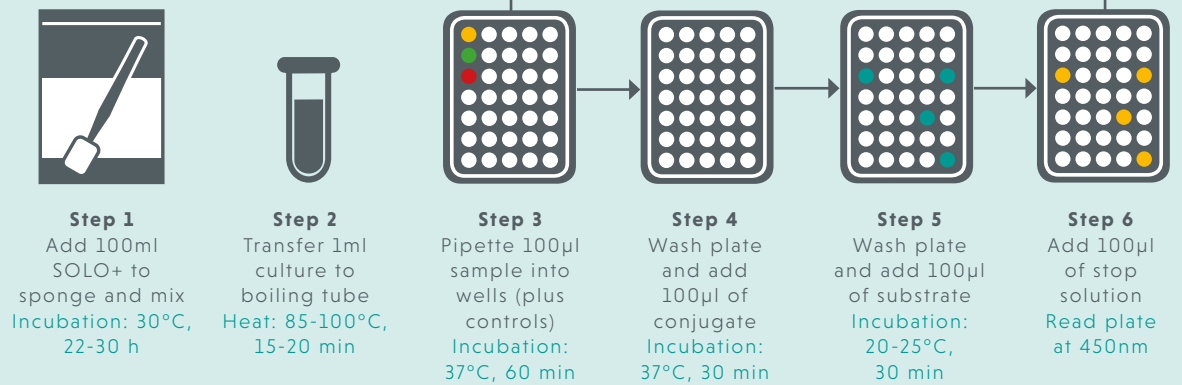
Solus Pathogen tests are manufactured in our own production facility to the highest standards, which are tightly controlled within our ISO 9001 accredited quality system.



Solus One *Listeria* benefits

- Next day results.
- 2 hours 45 mins to negative/presumptive positive results post selective enrichment.
- Highly efficient automated assay, significantly reducing technician hands on time.
- High sample throughput can be achieved with a single instrument.
- Ability to cope with fluctuating sample volumes and capacity 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.
- AOAC PTM certification plus independent validation demonstrating excellent results when compared with Solus *Listeria* (our dual enrichment, 44 hour time to result assay).

Test Methodology



ORDERING INFORMATION

Product Code	Product Description	Pack Size
LIS1-0096	Solus One <i>Listeria</i>	96 wells
LIS1-0480	Solus One <i>Listeria</i>	480 wells
SOL001	SOLO+ Medium	500g
SOL001 - 5KG	SOLO+ Medium	5Kg



Solus *Listeria* is certified by the AOAC Performance Tested Method (PTM) program certificate #051802 for the detection of *Listeria*.

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