

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	40	0	40	0
Solus <i>Salmonella</i>	40	0	40	0

Solus One compared to Solus *Salmonella* (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 *Salmonella*.



Food safety excellence

## Solus One *Salmonella*



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## SOLUS ONE *Salmonella*

Rapid testing and enhanced throughput for food and 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 release product, reduce inventory, or to take prompt corrective actions when necessary.

As sample volumes fluctuate the lab must also have the flexibility to cope with varying demands, maximizing throughput with optimal use of resources.

### Introducing Solus One *Salmonella*

A highly efficient assay for the next day detection of *Salmonella* in food and environmental samples.

Solus One *Salmonella* provides a negative or a presumptive positive result from a single enrichment step within 24 hours.

Solus One *Salmonella* 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.

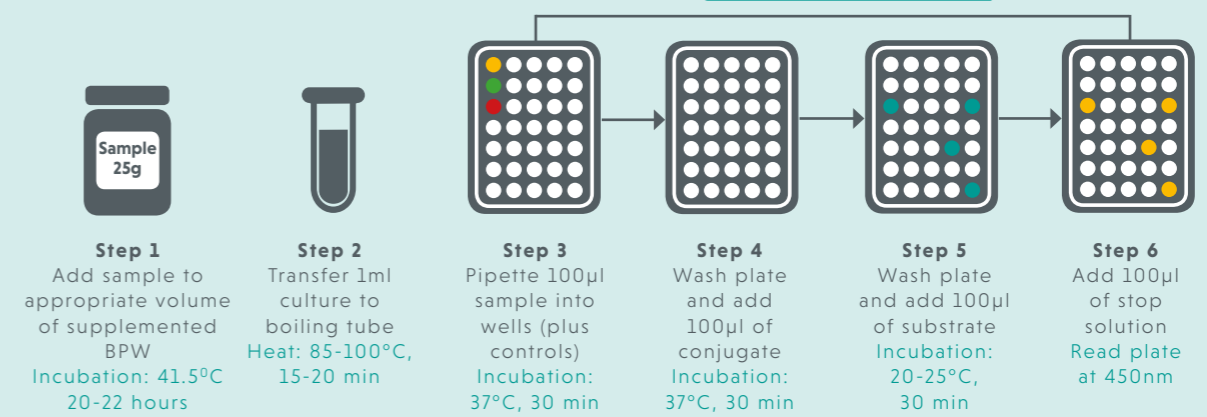


### Solus One *Salmonella* benefits

- Next day results.
- 2 hours 15 mins to negative/presumptive positive results post selective enrichment.
- Positive confirmation possible in additional 24 hours.
- 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 *Salmonella* (our dual enrichment, 44 hour time to result assay).

### Test Methodology

#### Solus Automated Process



### ORDERING INFORMATION

Product Code	Product Description	Pack Size
SAL1-0096	Solus One <i>Salmonella</i>	96 wells
SAL1-0480	Solus One <i>Salmonella</i>	480 wells
MED017	Buffered Peptone Water (BPW)	10Kg
SALSUPP-22.5	Solus One <i>Salmonella</i> Supplement	Supplements 22.5L of BPW
SALSUPP-112.5	Solus One <i>Salmonella</i> Supplement	Supplements 112.5L of BPW



Solus One *Salmonella* is certified by the AOAC Performance Tested Method (PTM) program certificate # 101801 for the detection of *Salmonella*.

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