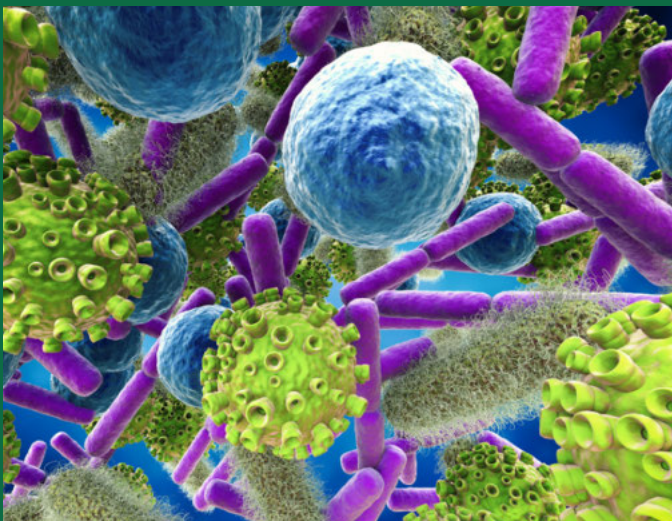




# PATHOGEN ANALYSIS FAST



**Solus Pathogen Testing Solutions**  
Assay and Automated Workflow Package



**EFFICIENT TESTING OF SALMONELLA, LISTERIA, AND E. COLI O157**



**TEST MULTIPLE MATRICES WITH A SINGLE ASSAY**

# Pathogen Detection

## Rapid and Reliable Results

**Solus Pathogen Detection System** 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**, our pathogen tests are versatile and can be used manually or in conjunction with automation. Our tests are robust, reliable, and validated by AFNOR to ISO 16140 and/or through AOAC performance tested method (PTM) or Official Method of Analysis (OMA) schemes.



Solus Salmonella ELISA

Solus One Listeria

Solus E. coli O157 ELISA

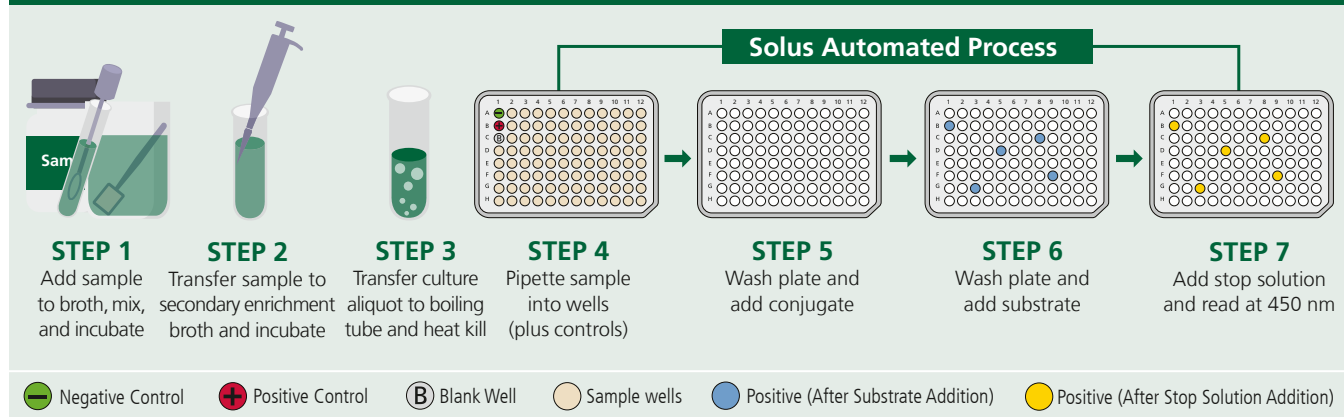
## Solus One Assays

**Our Solus One assays retain** all the benefits of our original ELISA assays whilst delivering faster time to results. Optimized media allows for a single selective enrichment step, reducing the total incubation time from 48 to 24 hours. You'll get next-day results and a highly efficient automated assay, which significantly reduces hands-on time.

## Detect with Confidence

**Our high-quality media** performs consistently and reliably with our assays to enable sensitive detection of target organisms and suppression of background flora to control false positives. Use the following broths in your immunoassay: *Solus RVS Broth*, *Solus Half Fraser Broth*, *Solus RELM Broth*, and *SOLO+ Broth*.

## Solus ELISA Test Methodology





**HIGH THROUGHPUT  
FOR BETTER EFFICIENCY**



**EASY TO IMPLEMENT,  
EASY TO USE**

# Automation

## Efficiency is Everything

**Our instrumentation** enables assay processing to become fully automated – from start to finish – providing a system that allows high throughput for increased efficiency and productivity. Benefits also include:

- A user-friendly, walk-away system that allows technicians greater flexibility
- Increased sample throughput per technician
- The utilization of 2 x 96 microwell plates in a single run
- Maximized space in your lab
- Sample traceability
- Easy results transfer to LIMs



Dynex DS2

## Benefits of Our Pathogen Testing Solutions

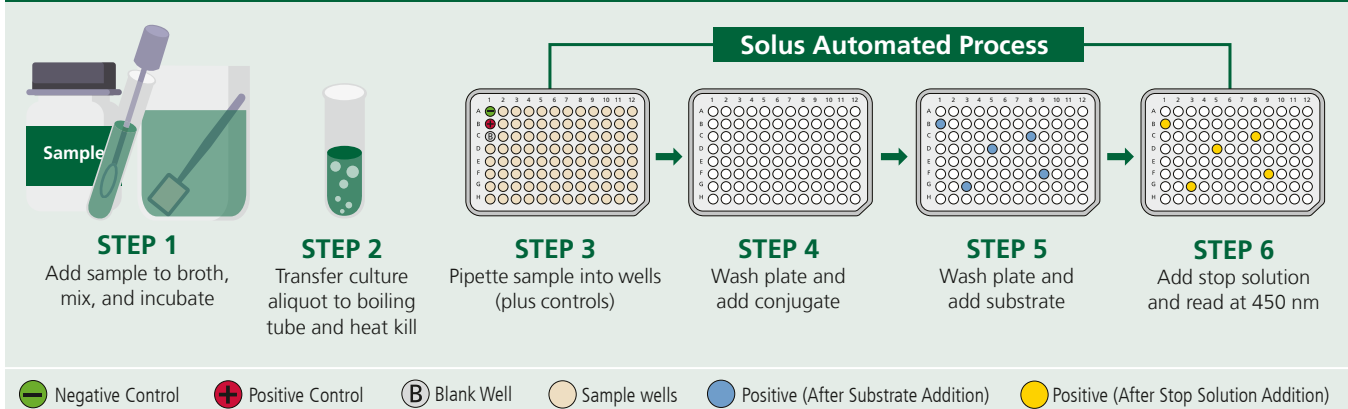
- Validation in independent laboratories, demonstrating high sensitivity and specificity
- Manual and automated capability
- High sample throughput
- Ability to cope with fluctuating sample volumes
- Excellent sample traceability
- Maximized bench space
- Compact product packaging for more cold storage space and less packaging waste

## Manufacturing

**Our high-quality pathogen tests** are manufactured in our own production facility that is tightly controlled within our ISO 9001 accredited quality system.



## Solus One Test Methodology



For sales and support contacts, please visit [www.solusscientific.com](http://www.solusscientific.com)

PerkinElmer, Inc.  
940 Winter Street  
Waltham, MA 02451 USA  
P: (800) 762-4000 or  
(+1) 203-925-4602  
[www.perkinelmer.com](http://www.perkinelmer.com)



---

For a complete listing of our global offices, visit [www.perkinelmer.com/ContactUs](http://www.perkinelmer.com/ContactUs)

Copyright © 2020, PerkinElmer, Inc. All rights reserved. PerkinElmer® is a registered trademark of PerkinElmer, Inc. All other trademarks are the property of their respective owners.