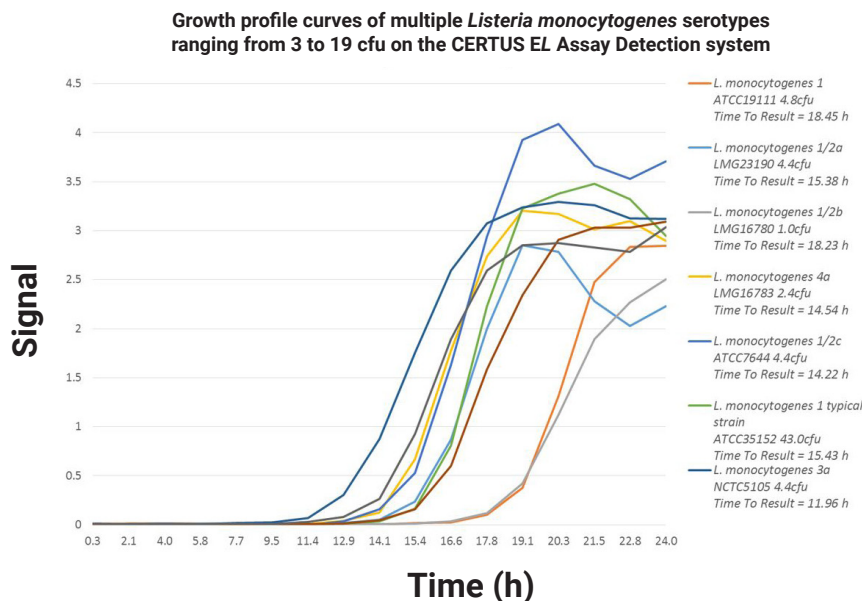
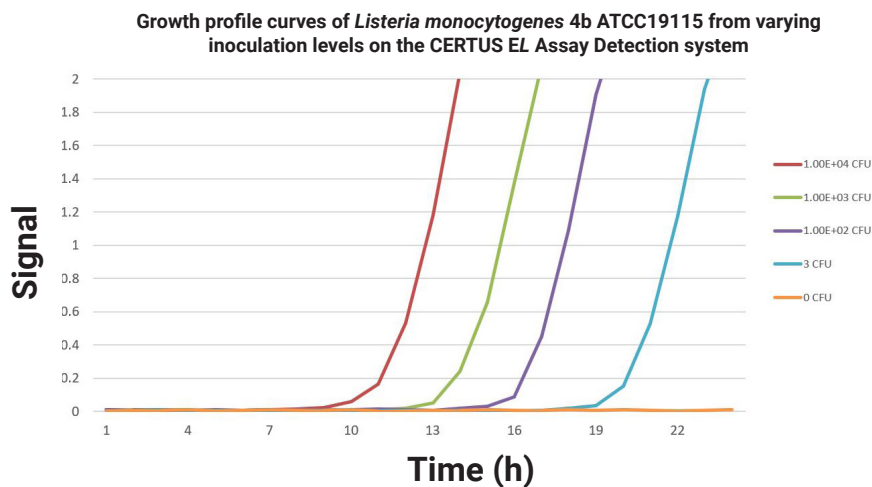


## Get Results in as Little as 8 Hours with the CERTUS System

Combining real-time monitoring, selective enrichment, and sensitive and specific detection in a single tube gives food producers a simple, safe and smart method for detecting environmental pathogens on-site.



## The CERTUS System Provides In-House Environmental Monitoring with AOAC-Certified Performance Benefits

### Swab-to-Result Time



**Minimum**  
8 hours

**Average**  
10-14 hours

**Maximum**  
24 hours

### Accuracy



**Specificity**  
98%

**Sensitivity**  
98%

**Analytical Sensitivity**  
 $5 \times 10^5$  cfu

The CERTUS EL assay has the capability of detecting *L. grayi*, *L. innocua*, *L. ivanovii*, *L. marthii*, *L. seeligeri*, and *L. welshimeri* and multiple serotypes of *Listeria monocytogenes* in a time dependent manner that inversely correlates with the relative starting levels of *Listeria* – the higher the starting *Listeria* cell level the earlier the inflection point of the curve occurs and Time to Result.

The CERTUS EL assay successfully recovers *Listeria* species from multiple environmental surfaces (stainless steel, plastic, ceramic, and sealed concrete) analyzed either in the presence or absence of competing bacterial microflora at varying bio-burden levels within a 24 h timeframe.

The results of the inclusivity and exclusivity evaluation confirms the high specificity and sensitivity of the CERTUS EL assay to *Listeria* spp. with an overall 98% accuracy.

For more information on performance, visit [www.CertusFoodSafety.com](http://www.CertusFoodSafety.com).