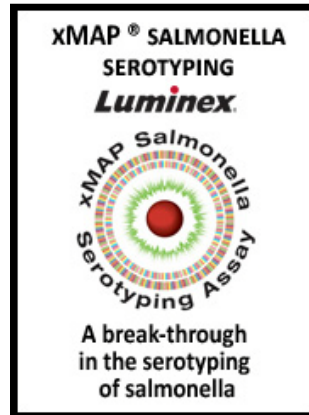


## New Test Offering at PADLS-New Bolton Center



### **Luminex Serotyping - Overview**

The Luminex xMAP Salmonella Serotyping Assay (SSA) is a multiplex, nucleic acid-based assay for identifying the serotype of a *Salmonella* isolate. This assay, developed by the CDC for use in epidemiological investigations, is fast, accurate and comprehensive. O and H antigens are determined simultaneously and select serotype-specific markers are identified in the Additional Targets (AT) test. Median Fluorescent Intensity (MFI) values are used to determine positive and negative for each antigen. Positive antigens are cross-referenced to the White-Kauffmann-Le Minor scheme to determine serotype information.

### **Acceptable Samples**

- Nutrient Agar Slants of a single isolated *Salmonella* colony are the preferred samples for submission.
- A pure culture isolation plate (e.g., XLD, Brilliant Green) of *Salmonella* species may also be submitted.

### **Sample Handling**

Samples should be shipped according to IATA protocols for Category B Infectious Substances with the proper export/import permits. Refer to your courier's shipping and packaging protocols for further information.

### **Cost**

- Samples are routinely batched for an assay run. This cost is \$40.00 per sample. Turnaround time is 14-21 days.
- For STAT run requests: \$60.00 per sample and turnaround time is 48 hours.

**Contact** – Please contact the laboratory prior to sending samples.

PADLS-New Bolton Center  
Microbiology Laboratory – Myrin 101  
382 West Street Road  
Kennett Square, PA 19348  
(610)925-6155; (610)925-6178; (610)444-4282