



Luminex® 100 and Luminex® 200™ Systems

# xMAP® Salmonella Serotyping Assay (RUO)

## Fast, Comprehensive, Reproducible

The xMAP® Salmonella Serotyping Assay (SSA) is a CDC-developed, fast and comprehensive molecular *Salmonella* serotyping assay for use with isolates. It can serotype more than 85% of the most commonly encountered *Salmonella* isolates in less than 4 hours. The assay's other features include:

- DNA-based method that generates results compatible with Kauffmann-White scheme
- Quick assay turnaround shortens response time in the event of an outbreak
- Definitive and objective assay results
- The ability to test for 7 O-group and 35 H-group antigens in addition to 3 serotype-specific markers (AT test)

### Comparison to Antisera Agglutination

xMAP® SSA	Antisera Agglutination
Simultaneous identification of >85% of most commonly encountered <i>Salmonella</i> serotypes	Hundreds of individual antisera agglutination tests, plus phase inversion to get to 85% of coverage
Identifies rough and problematic isolates with no phase inversion	Cannot serotype rough and nonmobile isolates
cGMP material	Lengthy individual antisera lab validation due lot-to-lot variability
Qualitative calls: Set comparative data thresholds	Subjective calls: Visual agglutination call
4 hour turnaround time	2 days to 6 weeks turnaround time

## Workflow



Total Time to Serotype Answer ~4 Hours

## Ordering Information

Product Name	Part Number
xMAP® Salmonella Serotyping Assay Kit‡ Includes: 100 Tests Microspheres Primers SAPE Assay Buffer	AGSSA4502 (100 tests, 20 uses)
Assay Buffer*	40-00022 (40 mL, 100 tests)

‡For *Salmonella* surveillance or research use only.

\*Assay buffer is included in the kit. Additional buffer may be purchased by ordering this part number.

**Luminex®**  
complexity simplified.

**orders@luminexcorp.com or support@luminexcorp.com**

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