

## 3M™ Tecra™ Salmonella Visual Immunoassay (VIA)

All Foods - High Microbial Load Products  
AOAC™ *Official Methods of Analysis*<sup>SM</sup> 998.09  
(Using RV(R10) Broth)

### 1. Enrichment Protocol

#### Primary Enrichment

Add 25g sample to 225 mL of **Lactose Broth** or as specified in FDA BAM for specific food matrices  
Incubate 36°C (± 1 °C) for 18-22 hours

#### Secondary Enrichment

Transfer 0.1 mL from primary enrichment into 9.9 mL of **RV(R10) Broth**  
Incubate 42°C (± 1 °C) for 16-20 hours

#### Post-Enrichment

Transfer 1 mL from secondary enrichment into 10 mL of **M Broth**  
Incubate 36°C (± 1 °C) for 6-8 hours

### 2. Performing the ELISA

#### Heat Kill Step

Then transfer 1 mL of the **M Broth** sample into an appropriate labeled tube  
Heat for 15 minutes at 100°C in a boiling water bath

#### Running the Assay

Add 200µL of **positive** and **negative control** and samples into individual wells  
Cover the wells with plastic wrap  
Incubate 36°C (± 1 °C) for 30 minutes

Wash **3** Times

Add 200µL of **Conjugate** to each well  
Cover the wells with plastic wrap  
Incubate 36°C (± 1 °C) for 30 minutes

Wash **4** times

Add 200µL of **Substrate** to each well  
Incubate 20 -25°C (Room Temp) for 10 minutes

Read and record results

## 3M™ Tecra™ Salmonella Visual Immunoassay



3M™ Tecra™ Salmonella Visual Immunoassay is a rapid ELISA that screens for Salmonella spp. in food samples.

Results can be obtained within 42 hours allowing orders to be filled sooner based on rapid results.

All reagents needed to run the test are supplied with the kit, there is the option to use an AOAC Official Method of Analysis [OMA 998.09]

The ability to use this kit manually, semi-automated gives you unique operational flexibility.

**Shelf-life: 18 months (48 or 96 wells)**