





### Required Materials

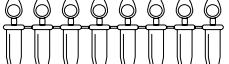
**MEMP ASSAY KIT**




Salmonella Lysis Tube



Resuspension Buffer

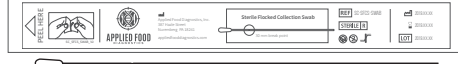


Resuspension Strip




PCR Assay Tube


**SWABBING KIT**



Sterile Flocked Collection Swab



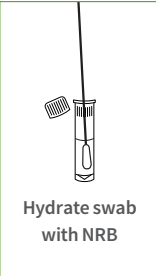
Neutralizing and Recovery Buffer (NRB) Bottle



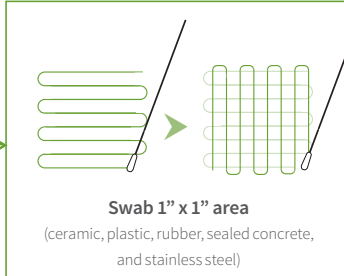
Swab Collection Tube with Swab Expression Solution

### Assay Instructions

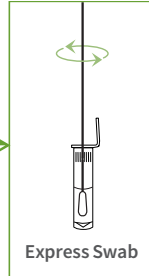
#### Swab Environment



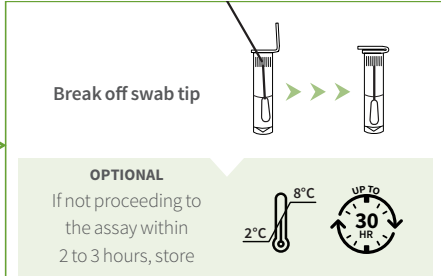
Hydrate swab with NRB



Swab 1' x 1' area  
(ceramic, plastic, rubber, sealed concrete, and stainless steel)




Express Swab

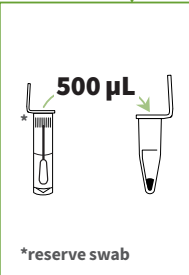


Break off swab tip

**OPTIONAL**  
If not proceeding to the assay within 2 to 3 hours, store

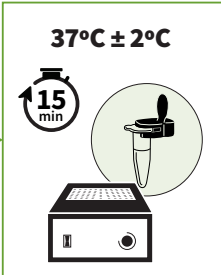


#### Lyse Sample

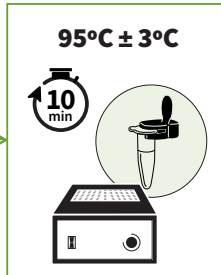


500 µL

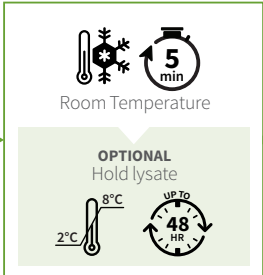
\*reserve swab



37°C ± 2°C  
15 min


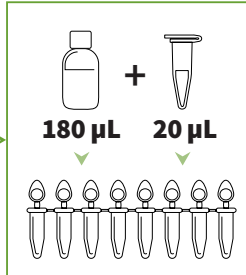


95°C ± 3°C  
10 min



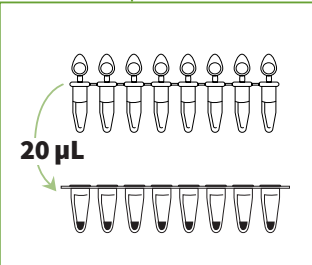
Room Temperature  
5 min

**OPTIONAL**  
Hold lysate

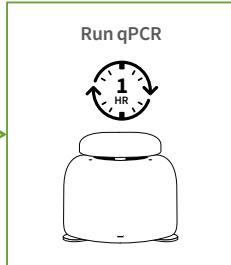



180 µL + 20 µL

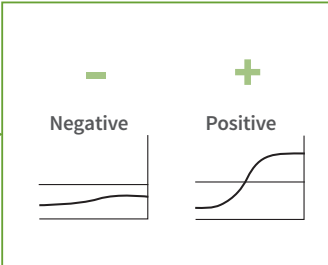
#### Perform MEMMP qPCR




20 µL



Run qPCR  
1 HR



Negative Positive




**SIMUL-qPCR**

**OPTIONAL CONFIRMATION**  
Follow SIMUL-qPCR workflow on reserved swab




### Materiales Requeridos

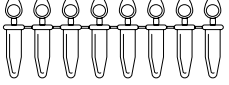
**Kit de Ensayo MEMP**



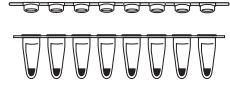
Tubos de Lisis para *Salmonella*



Buffer de Resuspensión



Tiras de Resuspensión



Tubos para PCR

**KIT PARA HISOPADOS**



Hisopos estériles




Frasco con Buffer Neutralizante y de Recuperación (NRB)



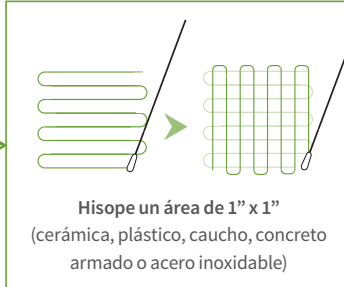
Tubos para Hisopados con Solución Expression

### Instrucciones del Ensayo

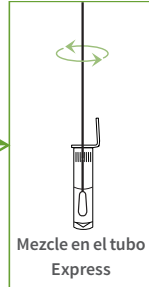
#### Hisopados Ambientales



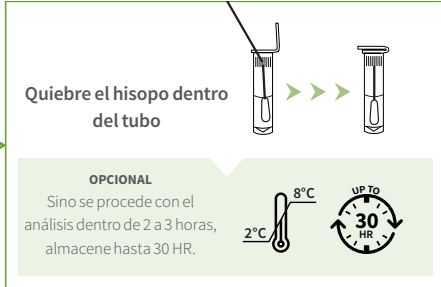
Hidrate el hisopo con NRB



Hisope un área de 1" x 1" (cerámica, plástico, caucho, concreto armado o acero inoxidable)




Mezcle en el tubo Express

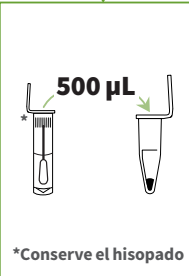


Quiebre el hisopo dentro del tubo

**OPCIONAL**  
Sino se procede con el análisis dentro de 2 a 3 horas, almacene hasta 30 HR.

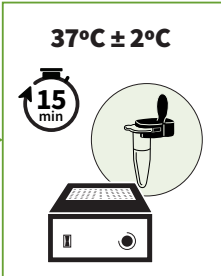


#### Lisis de la muestra

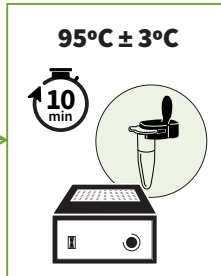


500 µL


\*Conserve el hisopado



37°C ± 2°C  
15 min

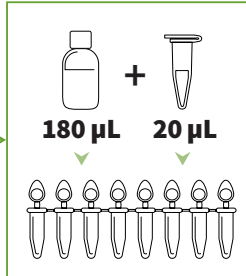


95°C ± 3°C  
10 min



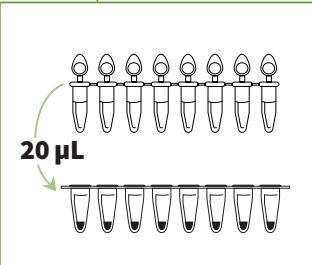
Temperatura Ambiente  
5 min

**OPCIONAL**  
almacenar el Lisado hasta por 48 HR

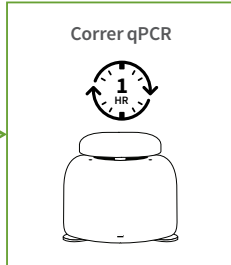


180 µL + 20 µL

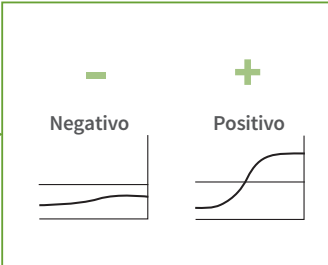
#### Proceda con MEMP qPCR




20 µL



Correr qPCR  
1 HR



Negativo      Positivo



**SIMUL-qPCR**

**CONFIRMACION OPCIONAL**  
Siga el procedimiento de ensayo SIMUL-qPCR con el hisopado retenido