ASSURANCE GDS
Genetic Detection System

Low Microbial Samples /
Environmental Samples / Raw Seafood

Flow Chart
Salmonella

Enrichment Conditions:

Low Microbial / Env. Samples: BPW 18- 24 hr @ 35°C

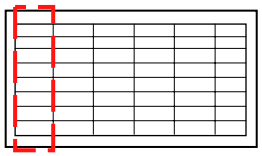
Raw Seafood: BPW+n 18-24 hr @ 35°C

See directions for use for details

Reagent Prep:

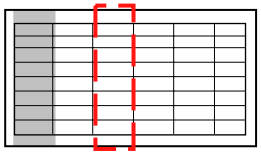
Add the appropriate volume of the specified reagent using the indicated repeater pipette tip and cover each row with an adhesive strip.

Sample Block



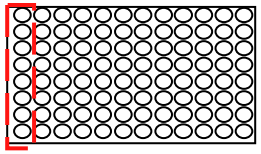
Concentration Reagent – 20 µL
(0.5 mL tip)

Sample Block



Wash Solution – 1 mL
(10 mL tip)

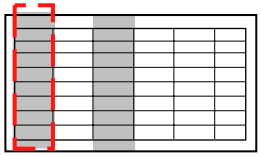
Resuspension Plate



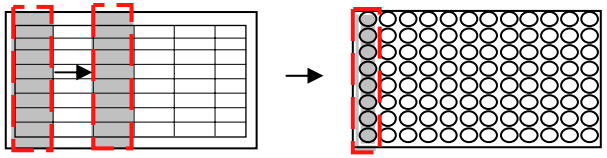
Resuspension Buffer – 35 µL
(0.5 mL tip)

Sample Prep:

Add 1 mL of enriched sample to wells containing concentration reagent. Cover and vortex for10 min.



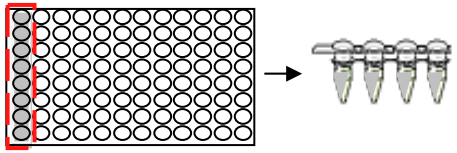
Use the PickPen to transfer samples through wash solution to the resuspension plate.



Amplification & Detection:

Add 10 µL of prepared **Polymerase** to each Amp Tube. (0.2 mL tip)

Transfer 20 µL of sample from resuspension plate to prepared amp tube. (50 uL tip)



Place amp tubes in Assurance GDS Rotor-Gene and start.

BIOCONTROL

ASSURANCE GDS
Genetic Detection System

High Microbial Samples /
Non-Fat Dry Milk

Flow Chart
Salmonella

Enrichment Conditions:

High Microbial Samples: BPW 18- 24 hr @ 35°C

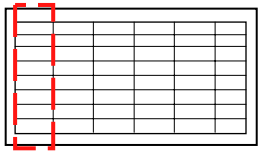
Non-Fat Dry Milk: Br. Green Water 20-24 hr @ 35°C

See directions for use for details

Reagent Prep:

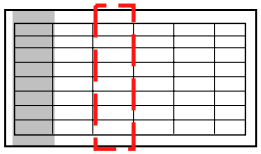
Add the appropriate volume of the specified reagent using the indicated repeater pipette tip and cover each row with an adhesive strip.

Sample Block



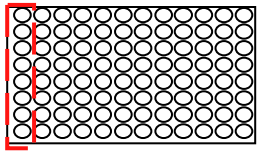
Concentration Reagent – 20 µL
(0.5 mL tip)

Sample Block



BHI – 0.5 mL
(10 mL tip)

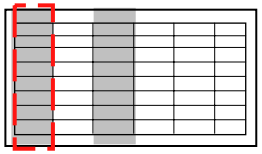
Resuspension Plate



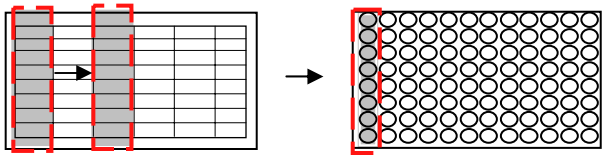
Resuspension Buffer – 35 µL
(0.5 mL tip)

Sample Prep:

Add 1 mL of enriched sample to wells containing concentration reagent. Cover and vortex for10 min.

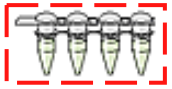


Use the PickPen to transfer samples into BHI, release particles. Cover and incubate for 2 hours @ 35°C. Use the PickPen to transfer samples to resuspension plate.

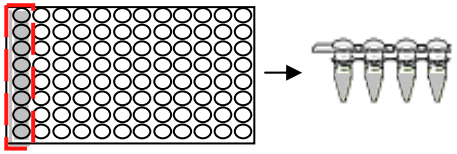


Amplification & Detection:

Add 10 µL of prepared **Polymerase** to each Amp Tube. (0.2 mL tip)



Transfer 20 µL of sample from resuspension plate to prepared amp tube. (50 µL tip)



Place amp tubes in Assurance GDS Rotor-Gene and start.

BIOCONTROL