HP005 Handy Plate® Salmonella Count Plate

【**Product Name**】 Handy plate® Salmonella Count Plate

【**Product Code**】 HP005

【**Packaging Specifications**】 20 pieces/pack

【**Product Introduction**】
Handy plate® Salmonella test plates are ready-to-use media products containing standard media, cold water gel and chromogenic indicators. This product can be used for the determination of Salmonella in food and beverages.

【**Instructions for Use**】
1. Sample Preparation
Pre-enrichment
Weigh 25g (mL) of sample with aseptic operation, put it in a sterile homogenization bag containing 225mL of BPW, and homogenize it with a homogenizer for 1-2min. If the sample is liquid, shake to mix. If necessary, adjust the pH of the sample homogenate to 6.8±0.2 with 1 mol/L NaOH or 1 mol/L HCl solution. Incubate at 36°C±1°C for 8h ~ 18h.
Enrichment
Gently shake the cultured sample mixture, transfer 1 mL of it into 10 mL of TTB, and incubate at 42°C ± 1°C for 18h to 24h. Another 1 mL was transferred into 10 mL SC, and cultured at 42°C ± 1°C for 18h-24h.
Dilution
Use 1 mL sterile pipette to suck up 1 mL of the enrichment solution, inject it into a test tube containing 9 mL of diluent, and shake it to become a 1:10 sample homogenate solution, and so on to prepare a 10-fold serial dilution of the sample homogenate solution. liquid, changing one pipette at a time.

2. Inoculation
According to the estimation of the contamination status of the sample, 2 to 3 dilutions were selected for detection. Place the Salmonella Count Plate on a flat laboratory surface, remove the upper film, use a sterile pipette to draw 1 mL of the sample evenly and drop it into the center of the test piece, and slowly cover the upper film to avoid air bubbles. Allow to stand to diffuse and reform the gel.

3. Cultivate
Place the plate face-up horizontally at 36°C±1°C and incubate for 24h±2h.

4. Interpretation
Suspected salmonella are magenta colonies, and other bacteria are blue-green or colorless colonies. A suitable count range is 30 CFU to 200 CFU. If the entire culture area is magenta-

purple, the colony concentration may be high and the sample needs to be further diluted to obtain an accurate count. To isolate colonies for further identification, remove the upper membrane and pick out the colonies with an inoculating needle.

【Storage conditions and shelf life】
Store at 2~8°C,　validity period is 18 months.

Unpacked test plate should be put back into the packaging bag, folded and sealed, and the storage time should not exceed four weeks.

【Waste Disposal】
The test plate may contain microorganisms after use, so it should be discarded according to regulations after sterilizing by high pressure at 121℃ for 30min.

【Safety】
Users should read, understand and follow all safety information in this instruction.
To reduce risks associated with biohazards and environmental pollution, please strictly follow the disposal regulations for biohazardous waste.
To reduce the risks associated with microbial contamination and the work environment, use this product in professional microbiological testing personnel and in a well-equipped laboratory.
To reduce the risk associated with error in results, please verify the use of this product in other industries. For in vitro laboratory use only, do not use in the diagnosis of humans or animals.

【Disclaimer】
Unless there is an express limited warranty, the company makes a disclaimer of all express or implied warranties, including but not limited to the warranties of merchantability and fitness for a particular purpose. The Company shall not be liable for any loss or damage, whether direct, indirect, special, incidental or consequential, including but not limited to lost profits. Under the law, the Company cannot pay more than the purchase price of the product for an alleged defective product.