NISSUI

Compact Dry™SL Salmonella test dish

- Salmonella detection: The test dish shows the yellow color reaction
- Features:
  - Fast: within 40~48h, you can get a preliminary judgment.
  - Accurate: qualitative detection using biochemical characteristics and motility of Salmonella
  - Simple: direct inoculation of enrichment medium

Main ingredients:	Chromogenic medium containing selective reagent
Applicable samples:	Environment and food
Storage conditions:	Room temperature (1-30 °C)
Shelf life:	18 months
Strengths：	Compact Dry "Nissu" SL 40 pieces / box Code 06732
	Compact Dry "Nissui" SL 240 pieces / box Code 06733
	EZ Reach Sponge Stick with Handle 100pcs/carton Code EZ-10HC-PUR

Compact Dry test dish is produced using the unique patented technology of NISSUI

CompactDry™
There is always a better way.

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Compact Dry™SL Salmonella test dish

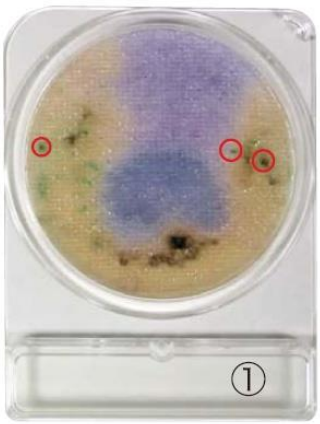
Interpretation manual

NISSUI CompactDry™ SL Salmonella test dish is a pre-prepared medium for rapid qualitative detection of Salmonella containing selective reagents, nutrients, and color indicator. Suitable for a variety of food and production environment samples.

Qualitative detection

The results were counted as detected and not detected based on the presence or absence of the yellow color reaction.

Detection of Salmonella



If the next step is identified, the colony should be picked as far as possible from the area where the sample is inoculated.

There are black ~ green colonies, pick black ~ green colonies, Figure①

No black ~ green colonies, preferably at the top of the yellow color reaction range, Figure ②③

Salmonella has not been detected

Single green colony

The whole medium is purple

Single black colony

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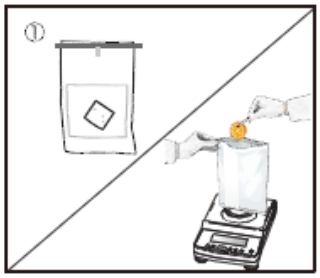
Compact Dry™SL
Coliform bacteria test dish

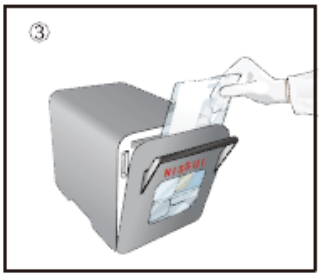
Instructions

Sample Preparation



Food sample:
A 25 g sample of the food is weighed and placed in a suitable sterile container.
Environmental sample:
Environmental sample:
Put the sponge into the sampling bag.
See “Environmental Sampling Methods” on the next page for details.

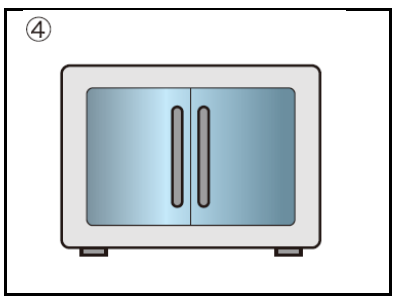
Add 225 ml of EEM pre-enrichment solution.



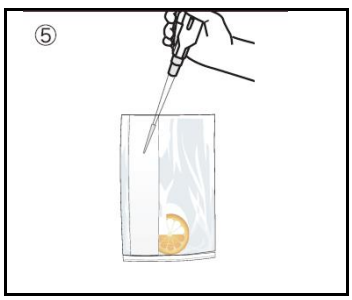
Stir or homogenize the sample.

Adjust the pH of the food sample dilution to 6.5-7.5
Acidic samples are adjusted with 1N NaOH
Alkaline samples are regulated with 1N HCL

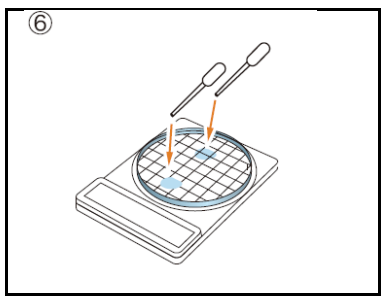
Vaccination culture



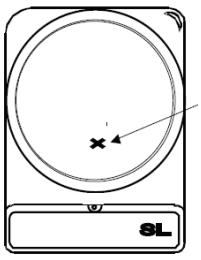
The pre-enrichment bacteria are cultured at 35~37 °C for 20-24 hours.



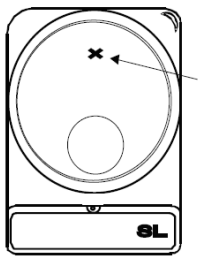
Pipetting 0.1 ml of enrichment culture solution and 1 ml of sterile water with a pipette or other pipetting equipment



The location and method of dropping are shown in the figure below.



Add 0.1ml of pre-incubation culture solution to the 1/4 diameter, and keep the culture solution in a round shape as far as possible at the drip



Add 1ml of sterile water to the other side of the 1/4 diameter and automatically spread to the entire test dish.

Note: Do not allow the culture solution to come into contact with the edge of the culture dish.

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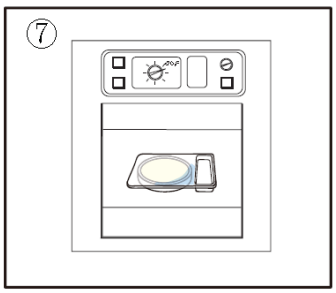
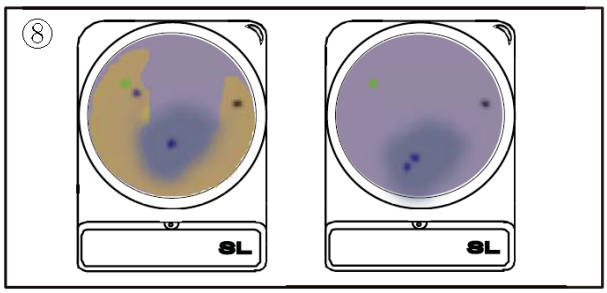
Coliform bacteria test dish

Interpretation

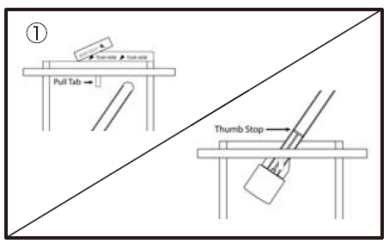


Inverted culture at 41~43°C for 20~24 hours

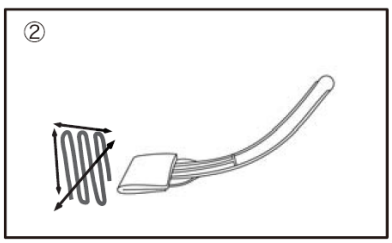


Interpretation based on yellow color reaction (You can pick up the bacteria and continue to identify the next step)

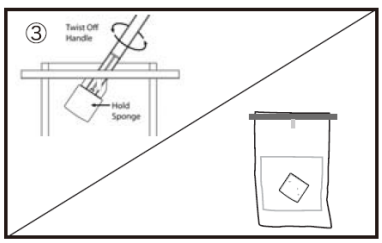
Environmental sampling method



Peel the top of the sampling bag along the indicator line, hold the plastic handle line above the hand, and remove the smear sponge.

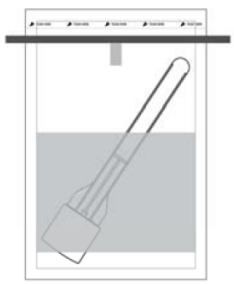


Smear the area to be inspected to 30 * 30cm, press firmly and bend the handle to ensure that the sponge head is in full contact with the sampling surface, note that the tip of the sponge is applied to the same position.



Put the smear sponge back into the sampling bag and rotate the handle counterclockwise to drop the sponge head into the sampling bag and seal it.

Environmental sampling tool



EZ Reach Sponge Stick with Handle

The recommended smear area is 30 * 30cm with 10ml Hicap buffer solution.

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