

Compact Dry™ CF Coliform bacteria test dish



- Coliform colonies appear blue~Blue green
- Culture conditions: cultured at 35 °C ± 2 °C for 24 h

Main ingredients: Chromogenic medium of containing enzyme substrate

Storage conditions: Room temperature (1-30 °C)

Shelf life: 18 months

Strengths Compact Dry CF 40 pieces / box Code 06744

Compact Dry CF 240 pieces / box Code 06745

Sterile homogenized bag (with filter membrane) 500 / box Code 01540

Sterile homogenized bag (without filter membrane) 1000 / box Code 01541

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

CompactDry™

There is always a better way.

Copyright © Shimadzu Diagnostics Corporation. All rights reserved.

The Nissin Compact Dry™ CF coliform test dish is a pre-prepared chromogenic medium containing an enzyme substrate.



The growth of typical colonies
Coliform bacteria number = 155
The test dish contains a color indicator to
make the colony show blue~bluey-green

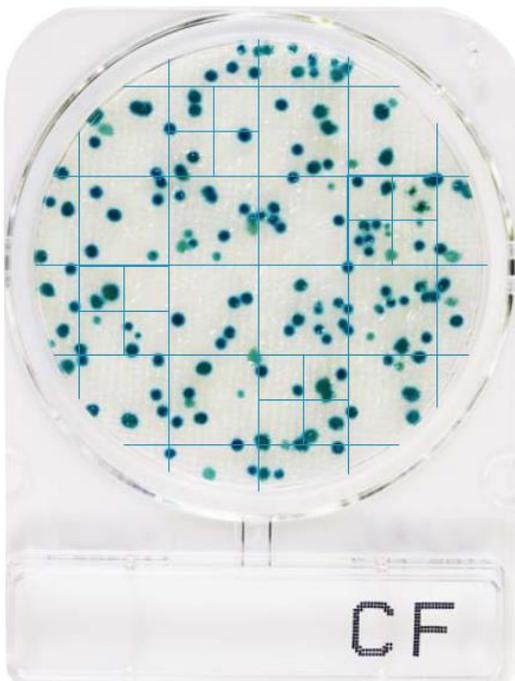


Coliform bacteria number = 0
There is no colony growth on the test dish.

Compact Dry™CF Coliform bacteria test dish



Coliform bacteria number = 17
There is a small amount of colony growth on the test dish.



Coliform bacteria number = 160
There are many colonies growing on the test dish. A reasonable count range is 15-150.

There are too many colonies and further dilution is required to get an accurate count.

Compact Dry™CF

Coliform bacteria test dish



Number of coliforms = Too Numerous To Count (TNTC) (estimated value 10^3) The number of colonies on the test dish is counted as TNTC.

There are too many colonies and further dilution is required to get an accurate count.

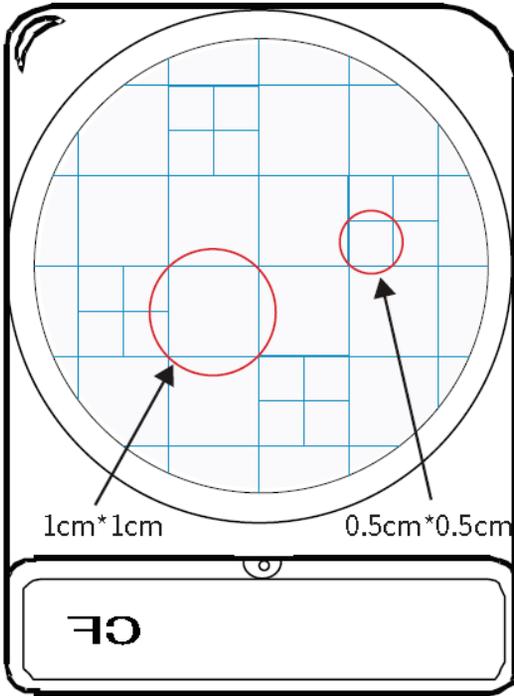


Number of coliforms = irreducible (TNTC) (estimated value 10^4) The DE colonies on the test dish are all stained, and the number of colonies is counted as TNTC.

There are too many colonies and further dilution is required to get an accurate count.

Compact Dry™CF

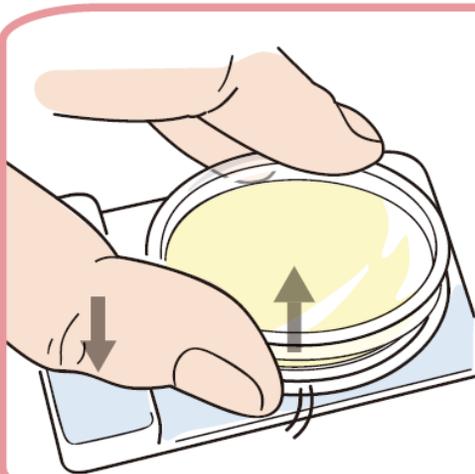
Coliform bacteria test dish



The area of the test dish is 20 cm², when the number of coliform bacteria number exceeds 150. In order to estimate the number of colonies, selecting one or several representative small squares, and calculating the average number of colonies, and then multiplied by the corresponding multiples to obtain the number of colonies of the entire test dish.

Coliform bacteria number (> 150)
= average number of colonies per cell
(1cm * 1cm) * 20
= average number of colonies per cell
(0.5cm * 0.5cm) * 80

Tips for opening the cover:



Press the test tube with the thumb joint and lift the fingertip from the bottom of the edge of the lid and lift it up. This makes it easy to open the lid.

Sample Preparation



Sample dilutions of 1:10 or greater dilution factor are prepared. Weigh or grab the food sample and place it in a suitable sterile container.



Add the appropriate amount of sterile diluent.



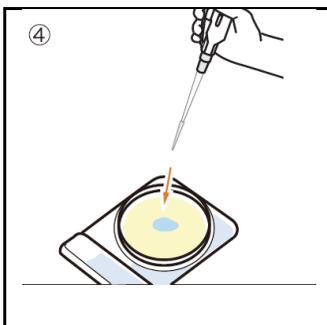
Stir or homogenize the sample.

Sterile dilutions include:
Phosphate buffer or physiological saline (GB4789), 0.1% peptone water, peptone saline dilution (ISO method 6887), buffered peptone water (ISO method 6579), bisulfite-free Lethen broth or distilled water, and the like.

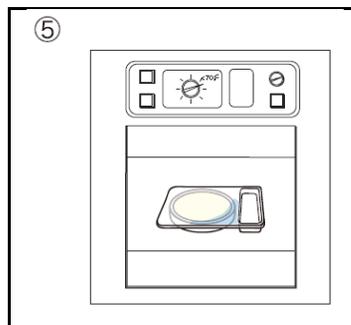
For example, the sample diluent is adjusted to pH 6.5-7.5

- Acidic samples are adjusted with 1N NaOH
- Alkaline samples are regulated with 1N HCL

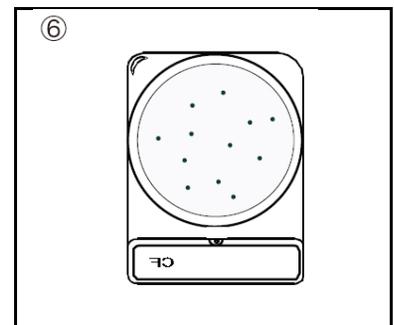
Vaccination culture



1 mL of the sample solution is inoculated in the center of the test dish, and the sample solution is uniformly spread uniformly around the plate. (The medium area is 20cm²)



Inverted into an incubator and incubated at 35 °C ± 2 °C for 24 h.



Pour it on a white background or translucent plate, and count it with a visual or colony counter.