

Total Count / Total Count

A system containing medium for total microbial count.

For in vitro diagnostic use

Cat. No.: DS 004

Each kit comprises

- Plastic tube container hermetically sealed.
- Plastic paddle (9cm²) coated with culture medium on both sides.
- Plastic cap that may be taken apart from paddle.

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Storage

Store at 15-25⁰ C. Protected from light.

Packing Details

- Pkg.: 20 units in a box (4 X 5).
- Instructions for Use and Interpretation of Results.
- ID labels.

Shelf Life

39 Weeks

Composition

Tryptic Soy Agar

Intended Use

For total microbial counts of aerobic microorganisms on surfaces and in food and other materials of sanitary significance. The medium can be used for: general raw materials, raw milk, dairy products, meat, fish, seafood, water, dehydrated products.

Principle

Nitrogen, Vitamins and Carbon provided by the Enzymatic Digest of casein and Enezymatic Digest of Soybean Meal. Sodium Chloride maintains osmotic balance in the medium. Agar is the solidifying agent.



Procedure

1. Follow recommended procedures in the Instructions for Use.
2. If the product have been refrigerated, allow it to return to room temperature before sampling and incubate aerobically at the recommended conditions.

Interpretation of Results

Bacteria: Grow good.

Yeast: Grow good. Creamy white to cream colonies.

Molds: Grow good. Colonies may be colored, velvety or powdery to fluffly.

Procedure Limitations

For the dipping method: The sensitivity of the test is from 1×10^3 cfu/gr or ml.

Disposal

Used contaminated test material should be handled by standard decontamination methods.