

Hygicult® product range

Hygicult®
Validated tests for hygiene monitoring

Cultura

A small-sized incubator suitable for use with the Hygicult tests
Cat. No. o5866

A Guide to Monitoring Surface Hygiene
Cat. No. 725-oIE

Literature

1. Salo S et al. Validation of the Microbiological Methods Hygicult Dipslide, Contact Plate, and Swabbing in Surface Hygiene Control: A Nordic Collaborative Study. JAOACI 2000; Vol. 83:1357-65
2. Deutsche Norm DIN 10113-3 (1997): Bestimmung des Oberflächenkeimgehaltes auf Einrichtungs- und Bedarfsgegenständen im Lebensmittelbereich.
3. Ralikko M et al. Use of Hygicult TPC in slaughterhouse hygiene control. Acta Vet Scand 1997; 38, 331-338.
4. Salo S et al. Alternative methods for sampling from surfaces VTT Symposium 193, 30th R3-Nordic Contamination Control Symposium. Helsinki, Finland, 1999

Hygicult® is a registered trademark of Orion Diagnostica Oy



Orion Diagnostica



Orion Diagnostica Oy
P.O.Box 83, FI-02101 Espoo, Finland
Tel. +358 10 4261, Fax +358 10 426 2794
www.oriondiagnostica.fi

Dedicated to hygiene control



Hygicult®

A reliable
hygiene testing system

Hygicult®

System for microbial on-site sampling

Orion Diagnostica is the world's leading dip-slide manufacturer; a rank achieved by stringent quality requirements and reliability of products. Hygicult is an agar slide method designed to allow reliable, economic and time-saving on-site microbiological hygiene monitoring.

Description of the product

The hinged plastic slide is covered on both sides with agar medium. Enclosed in an aseptic vial, the slide is easy to transport to the site monitored. There is no need to transport samples to the laboratory.

The slide is inoculated by the contact method, swabbing or dipping.

The use of Hygicult does not affect the safety of the surface or the raw material.

A model chart provided with each kit allows easy interpretation of results after inoculation.

Advantages

- easy to use, handle and interpret
- performed on-site, no need to transport the sample
- short hands-on time
- two tests with one slide
- accurate and reliable



The Hygicult Product Range



Hygicult TPC

Coated with total plate count medium, this extensively validated slide is especially suitable for monitoring general hygienic status, as it supports the growth of bacteria as well as yeasts and fungi. The medium contains lecithin and Tween to neutralise any traces of cleaning agents on surfaces.
Cat. No. 68c10.



Hygicult E

The slide is coated with a modified VRB medium containing glucose to promote the growth of Enterobacteriaceae.
Cat. No. 68e12.



Hygicult E/β-CUR

One side of the slide promotes the growth of Enterobacteriaceae. The other side is used to test for the presence of β-glucuronidase positive organisms (i.e. *Escherichia coli*).
Cat. No. 68z67.



Hygicult CF

The slide is coated with a VRB medium to promote the growth of coliform bacteria.
Cat. No. 60c30.



Hygicult Y&F

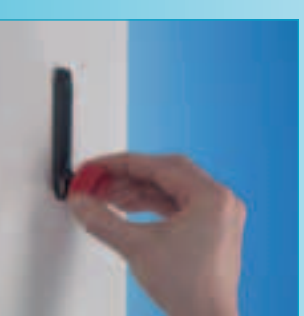
Yeasts and fungi grow on this malt agar coated slide. Bacterial growth on the slide is prevented by antibiotics.
Cat. No. 68o13.

Convenient Testing Procedure

Inoculation

Contact inoculation

- for surfaces and solid samples
- press both sides of the hinged slide against the sample for about 5 seconds



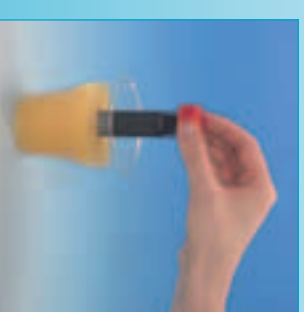
Swabbing

- use a sterile moistened swab to transfer the sample from sites that are difficult to reach
- roll the swab on the agar surface to transfer the microbes onto the agar for cultivation



Dipping

- immerse the slide into the liquid for a few seconds
- blot excess liquid from the slide to ensure reliable transportation of the slide.



Incubation

Hygicult TPC

- at room temperature for 3 days when monitoring general hygienic status
- at 35-37°C in the Cultura Hygicult E, E/β-CUR and CF Incubator
- at room temperature for 3-5 days



Interpretation of results

- the density of microbial growth is compared with the model chart.

