

mikrocount®

Flexible slide for surfaces bacteriological control (ISO 18593:2004)

mikrocount® TPC/E

DESCRIPTION

Slide for total plate count and Enterobacteriaceae detection

MEDIA

PLATE COUNT AGAR
+ TTC
+ NEUTRALIZING
(Bacterial count)

V.R.B.G. AGAR
+ NEUTRALIZING
(Enterobacteriaceae detection)

mikrocount® duo

DESCRIPTION

Slide for total plate count and yeasts and moulds detection

MEDIA

PLATE COUNT AGAR
+ TTC
+ NEUTRALIZING
(Bacterial count)

ROSE BENGAL CAF AGAR
+ NEUTRALIZING
(Yeast and moulds detection)

mikrocount® TPC

DESCRIPTION

Slide for total plate count with inactivation of disinfectants

MEDIA

PLATE COUNT AGAR
+ TTC
+ NEUTRALIZING
(Bacterial count)

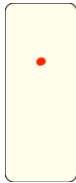



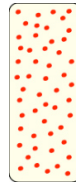
PLATE COUNT AGAR
+ TTC
+ NEUTRALIZING
(Bacterial count)

INSTRUCTIONS FOR USE

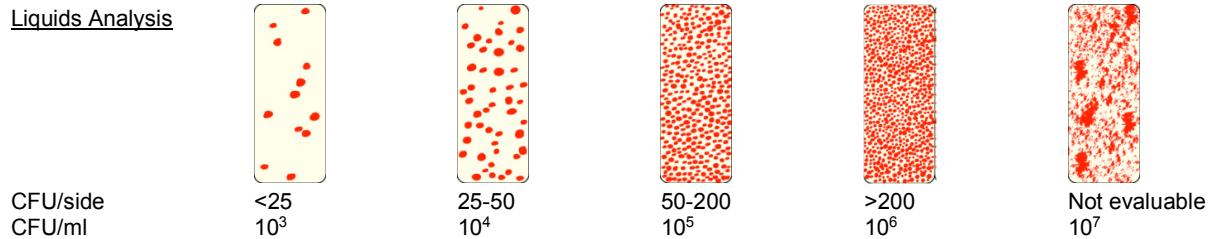
1. Unscrew and extract the slide from the cylindrical container without touching the surfaces of the culture media.
2. Surfaces Sampling: flex the cap forming a 90° angle and push for 10 seconds the contact slide on the surface to examine.
Liquids Sampling: hold the slide by the cap and immerse it in the sample that has just been taken in such a way that the surfaces of the culture media are completely immersed. Let the excess liquid drip off from the slide and use absorbent paper to mop up the last drops..
3. Reinsert the slide in the container and incubate at 30 °C for 24-48 hours. For yeasts detection, extend the incubation of further 24-48 hours at 30 °C.
4. After incubation examine the bacterial growth on media and estimate the bacterial concentration using the following schemes.

RESULTS INTERPRETATION

Surface Analysis

					
CFU/side	1	2-4	5-13	14-42	>42
CFU/100 cm ²	8	16-32	40-104	112-336	>336
*CFU/10 m ²	800	16000-32000	40000-104000	112000-336000	>336000
	* 1 CFU/side = 1/1.25 x 10 ⁴ CFU/10 m ²				

Liquids Analysis



CULTURAL RESPONSE

MEDIUM		<i>Eschericia coli</i>	<i>Proteus spp</i>	<i>Klebsiella spp</i>	<i>Pseudomonas spp</i>	<i>Streptococcus spp</i>	<i>Staphylococcus spp</i>	Yeasts/ Moulds
V.R.B.G AGAR	Colonies appearance	red-purple	red-purple	red-purple	colorless	Inhibition	Inhibition	Inhibition
	Medium colour	red-purple	red-purple	red-purple	rot			
ROSE BENGAL CAF AGAR	Colonies appearance	Inhibition	Inhibition	Inhibition	partial inhibition	Inhibition	Inhibition	pink-white
	Medium colour							pink
PLATE COUNT AGAR	Colonies appearance	red	red	red	red	red	red	red
	Medium colour	yellow	yellow	yellow	yellow	yellow	yellow	yellow

STORAGE

10-25°C

SHELF LIFE

9 months

REFERENCES

- ISO 18593:2004. Microbiology of food and animal feeding stuffs- horizontal methods for sampling techniques from surfaces using contact plate and swabs. ISO/TC 34/SC 9 N 374, march, 1999.
- Handbook of Microbiological Media. Second Edition.1997
- APHA (American Public Health Association) 1970.

TABLE OF SYMBOLS

LOT Batch code	Do not reuse	Manufacturer	Use by	Zerbrechlich, mit Vorsicht handhaben
REF Catalogue number	Temperature limitations	Contains sufficient for <n> tests	Caution, consult accompanying documents	