



Contact Slide TSA + Neutralizing / TSA + Neutralizing

Flex Dip-slide with a non selective medium for
total bacterial count with inactivation of disinfectants.

DESCRIPTION

Contact Slide TSA + Neutralizing / TSA + Neutralizing is a ready-to-use device with a non selective solid medium coated onto both sides of a plastic support used for the microbial monitoring of surfaces and liquids even in the presence of residues of disinfectants.

TYPICAL FORMULA	(g/l)
Pancreatic Digest of Casein	15.0
Papaic Digest of Soya Bean	5.0
Sodium Chloride	5.0
Triphenyl Tetrazolium Chloride	0.1
Agar	15.0
Neutralizing	*
Final pH 7.3 ± 0.2	
*Histidine, 1.0 Lecithin, 0.7 Tween 80, 5.0 Sodium Thiosulfate, 0.5	

METHOD PRINCIPLE

TSA + Neutralizing contains triphenyltetrazolium chloride as growth indicator forming a red insoluble compound which may easily observed.

TEST PROCEDURE

1. Take a slide from the refrigerator and leave it at ambient temperature for about 5 minutes
2. Unscrew and extract the slide from its cylindrical container. Avoid any contact with the agar surface.
3. For surfaces monitoring, flex the cap forming a 90° angle and press each side of the slide firmly against the surface to be examined for 10 seconds. Alternatively, use a swab for sampling the area, afterwards roll the swab gently over the agar surface.
For examination of liquids, hold the slide by the cap and immerse it completely into the test fluid.
4. Reinsert the slide into its tube, screw it tight and incubate at 30-35°C for up to 5 days.

RESULTS INTERPRETATION

Count the number of colonies on both sides and report the average number.

APPEARANCE

Slightly opalescent, light amber.

STORAGE CONDITIONS

10-25°C away from light, until the expiry date on the label. Eliminate if signs of deterioration or contamination are evident.

SHELF LIFE

9 months

QUALITY CONTROL

Slides are inoculated with the microbial strains indicated in the QC table.

Inoculum for productivity: 50-100 CFU.

Incubation conditions: 30-35°C for up to 5 days.

QC Table.

Microorganism		Growth
<i>Escherichia coli</i>	ATCC® 8739	Good, red colonies
<i>Staphylococcus aureus</i>	ATCC® 6538	Good, red colonies
<i>Pseudomonas aeruginosa</i>	ATCC® 9027	Good, red colonies
<i>Bacillus subtilis</i>	ATCC® 6633	Good, red colonies
<i>Candida albicans</i>	ATCC® 10231	Good
<i>Aspergillus niger</i>	ATCC® 16404	Good
<i>Saccharomyces cerevisiae</i>	ATCC® 9763	Good

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product must be used by properly trained operators only.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulation in force.

BIBLIOGRAPHY

- ISO 18593:2018. Microbiology of food chain- Horizontal method for surface sampling.
- European Pharmacopoeia 7.0 (2010) 2.6.12. Microbiological examination of non-sterile products: microbial enumeration tests.
- European Pharmacopoeia 7.0 (2010) 2.6.13. Microbiological examination of non-sterile products: test for specified microorganisms.
- Marshall R.T. ed. (1993). Standard methods for the examination of dairy products, 16th ed. American Public Health Association, Washington, D.C.

PRESENTATION	Packaging	Ref.
TSA + Neutralizing / TSA + Neutralizing	20 Contact Slides	525472V

TABLE OF SYMBOLS

LOT Batch code	 Use by	 Do not reuse
REF Catalogue number	 Temperature limitation	 Contains sufficient for <n> tests

Manufactured for: VWR International bvba

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