

PRODUCT INFORMATION

Product Type: Contact Dishes - 65mm Petri Dishes

Cat No. CD011 – TSA + LECITHIN + POLYSORBATE 80 (IRRADIATED)

Intended Use:

Tryptic Soy Agar with Lecithin and Tween 80 is used for the isolation of microorganisms from surfaces sanitized with quaternary ammonium compounds and is not intended for use in the diagnosis of disease or other conditions in humans.

Principle:

Tryptic Soy Agar is a nutritious base and a variety of supplements are added to enhance the medium, including Lecithin and Tween 80. The Lecithin and Tween 80 inactivate some preservatives that may inhibit bacterial growth, reducing "preservative carryover". Tryptic Soy Agar with Lecithin and Tween 80 is recommended for determining the sanitation efficiency of containers, equipment, and work area (environmental monitoring).

Limitations of the Procedures

Due to nutritional variation, some strains may be encountered that grow poorly or fail to grow on this medium.

Composition

Enzymatic Digest of Casein - 15.0 g/L
Enzymatic Digest of Soybean Meal - 5.0 g/L
Sodium Chloride - 5.0 g/L
Lecithin - 0.7 g/L
Tween - 80 5.0 g/L
Agar - 21.5 g/L

Gamma Irradiation (kGy) Range: 5 - 15

Storage: 2-25°C

pH at RT: 7.1 - 7.5

Appearance: Slight hazy, yellow-beige

Package contents: 5 plates in a package

Exp. Date: Printed on label and on the item.

Required materials not supplied: Laboratory equipment as required.

Warning and Precautions - For professional use only. Follow good microbiological lab practices while handling specimens and culture. Do not use Petri dishes if they show evidence of microbial contamination, discoloration, drying, cracking, or other signs of deterioration. Avoid freezing and overheating. The Petri Dishes may be used / inoculated up to the expiration date and incubated for the recommended incubation times. After use and prior to discarding, specimen containers and all contaminated material, including the used culture media and contaminated culture containers, must be sterilized or incinerated by validated procedures. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.

If excessive moisture is observed, invert the bottom over an off-set lid and allow to air dry in order to prevent formation of a seal between the top and bottom of the plate during incubation. Storage Instructions: On receipt, store plates in the dark at 2–8 °C. Avoid freezing and overheating. Do not open until ready to use.

Waste Disposal

After interpretation all items should be destroyed by standard incineration methods.

Performance Testing Results:

GPT: inoculum 10-100 cfu.

Test	ATCC NO	Incubation Temp. (°C)	Incubation Cond.	Reaction 1
<i>Kocuria rhizophila (M.luteus)</i>	9341	30-35 °C	Aerobic, 48 hours	Growth
<i>Staphylococcus aureus</i>	6538	30-35 °C	Aerobic, 48 hours	Growth
<i>Bacillus cereus</i>	14579	30-35 °C	Aerobic, 48 hours	Growth
<i>Bacillus subtilis</i>	6633	30-35 °C	Aerobic, 48 hours	Growth
<i>Escherichia coli</i>	8739	30-35 °C	Aerobic, 48 hours	Growth
<i>Pseudomonas paraeruginosa</i>	9027	30-35 °C	Aerobic, 48 hours	Growth
<i>Candida albicans</i>	10231	30-35 °C	Aerobic, 48 hours	Growth
<i>Aspergillus brasiliensis</i>	16404	30-35 °C	Aerobic, 48 hours	Growth
<i>Candida albicans.</i>	10231	20-25 °C	Aerobic, 3-5 days	Growth
<i>Aspergillus brasiliensis</i>	16404	20-25 °C	Aerobic, 3-5 days	Growth

Neutralizer's Effectiveness Test

Test	ATCC NO	Incubation Temp. (°C)	Incubation Cond.	Reaction 1
<i>Candida albicans</i>	10231	30-35 °C	Aerobic, 48 hours	Confluent growth
<i>Aspergillus brasiliensis</i>	16404	30-35 °C	Aerobic, 48 hours	Confluent growth
<i>Escherichia coli</i>	8739	30-35 °C	Aerobic, 48 hours	Confluent growth
<i>Bacillus subtilis</i>	6633	30-35 °C	Aerobic, 48 hours	Confluent growth
Disinfectant: Glyoxal 1.2% Glutardialdehyde 0.05% Didecyl-Dimethyl-Ammonium Chloride 0.75%				