TRYPTIC SOY AGAR W/ 4 NEUTRALISANT (TRIPLE BAG)

INTENDED USE:
General purpose medium for isolation and culture of microorganisms with neutralisers.

PRINCIPLE AND INTERPRETATION:
The unsupplemented medium is not used as a primary isolation medium for clinical applications.

In Tryptic Soy Agar, the combination of casein and soy peptones renders the medium nutritious by supplying organic nitrogen, particularly amino acids and longer-chained peptides. Sodium chloride maintains the osmotic equilibrium. Agar is the solidifying agent.

The addition of he neutralizing agents TLHTh (Tween 80 - Lecithin - Histidine - Sodium Thiosulphate) may inactivate a variety of disinfectants. The combination of lecithin, polysorbate 80 and histidine neutralizes aldehydes and phenolic compounds. The combination of lecithin and polysorbate 80 neutralizes the quaternary ammonium compounds. The polysorbate 80 neutralizes hexachlorophene and mercurial derivates. Sodium thiosulphate neutralizers halogen compounds. Lecithin neutralizes clorhexidine. Histidine neutralizes formaldehyde.

COMPOSITION:

Ingredients	Gr/Liter
Pancreatic digest of casein	15 gr
Enzymatic* digest of soya bean	5 gr
Sodium chloride	5 gr
Tween 80 (polysorbate 80)	5 gr
Lecithin	0,7 gr
Histidine	1 gr
Sodium Thiosulfate	0,5 gr
Agar	15 gr

***Formula adjusted, standardized to suit performance parameters
pH: 7,3 ± 0,2

PRECAUTIONS:
For professional use only. Do not use plates if they show evidence of microbial contamination, discoloration, drying, cracking or other signs of deterioration.

TEST PROCEDURE:
Refer to appropriate references for specific procedures using Tryptic Soy Agar w/ Neutralisant or environmental monitoring.

QUALITY CONTROL:

1.Sterility Control:
Incubation 2d at 30-35ºC and 3d at 20-25ºC: NO GROWTH

2.Phsical/Chemical Control
pH: 7,3 ± 0,2
Apperance: Light amber

3.Microbiological Control: Incubation at 35± 2 °C;24-48 hours and 25±2 °C:5 d

Microorganism	Inoculum (CFU)	Results	
		Growth	Reaction
Bacillus subtilis ATCC 6633	10-100	Good	>70 %
Staphylococcus aureus ATCC 6538	10-100	Good	>70 %
Candida albicans ATCC 10231	10-100	Good	>70 %
Pseudomonas aeruginosa ATCC 9027	10-100	Good	>70 %
Aspergillus brasiliensis ATCC 16404	10-100	Good	>70 %
Escherichia coli ATCC 8739	10-100	Good	>70 %
Staphylococcus epidermidis ATCC 12228	10-100	Good	>70 %

LIMITATIONS OF THE PROCEDURE:

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

STORAGE CONDITIONS AND SHELF LIFE:

Store the prepared medium at 2-12°C or 2-25°C. Use before expiry date on the label. Do not use beyond stated expiry date.

DISPOSAL:

Incubated prepared medium may contain active bacteria and micro-organisms. Do not open infected medium. Infected plate should be autoclaved, incinerated or opened and soaked in a chlorine-based disinfectant (liquid bleach) for 20 minutes prior to disposal.

PACKAGING:

Katalog Number: 02116
Packaging: Triple wrap/Gamma irradiated
Content: 10 plates/each package

REFERENCES:

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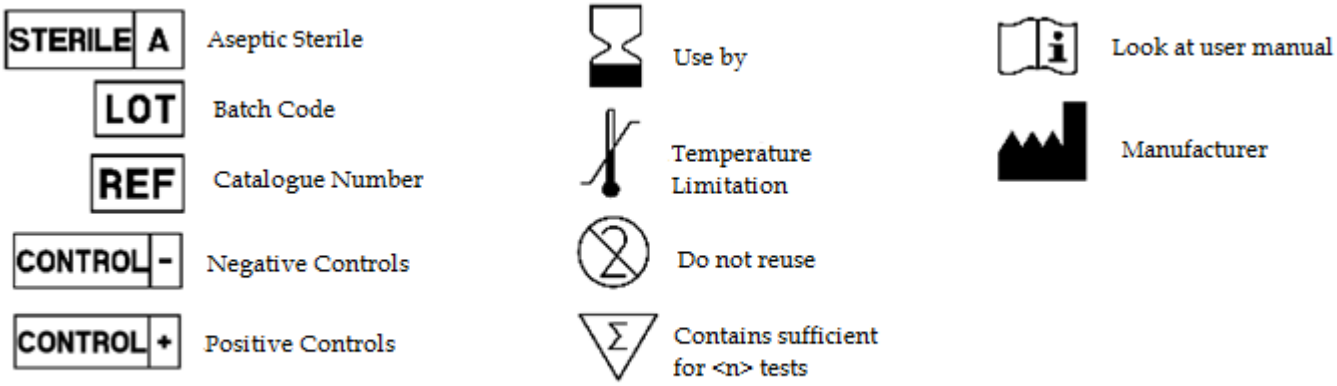

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