

TODD HEWITT BR.+ COLISTIN + NAL (LIM BR)

TT326, TODD HEWITT BR.+ COLISTIN + NAL (LIM BR), 13*100mm tube with media.

Appearance: light amber

Intended Use and Principles of the Producer-

Despite medical advances, Group B Streptococci (GBS) continue to be significant pathogens in peripartum women and their newborn infants. The CDC guidelines for prevention strategies recommend that all pregnant women should be screened at 35-37 weeks of gestation for anogenital GBS colonization. The anorectum can also harbor the GBS and therefore collecting one or two swabs of the vaginal introitus and anorect will increase the yield of GBS by 20%, when compared to the use of a vaginal swab alone. The recommended method for the direct detection and identification of GBS from clinical specimens is the use of a selective broth followed by subculture on a selective or nonselective specific agar plate.

Application-

This product is Hylabs's tool for optimal recovery for Group B Streptococci (*S. agalactiae*) of clinical specimens.

This Hylabs's tool- improved Todd Hewitt Broth, is selective for Gram positive bacteriae.

Todd Hewitt Broth with colistin + nalidixic acid is used as an enrichment broth for group A streptococci followed by subculture on a selective or nonselective agar plate.

Formula (per Liter): Todd Hewitt broth 30gr; Heart Infusion (dehydrated) 3.1gr; Yeast Enriched Peptone 20.0gr; Dextrose 2.0gr; Sodium Chloride 2.0gr; Disodium Phosphate 0.4gr; Sodium Carbonate 2.5gr; Selective agent (Colistin and Nalidixic acid) ~25mg.

pH Range: 7.6 - 8.0

QC performance

GPT: inoculum 10-100 cfu.

Inhibitory properties: inoculum 10000 cfu.

Test	ATCC NO	Incubation Temp.(°C)	Incubation Cond.	Reaction 1
<i>Streptococcus agalactiae</i>	27956	33-37 °C	Aerobic, 24 hours	Good
<i>Good Streptococcus agalactiae</i>	WS.-1	33-37 °C	Aerobic, 24 hours	Good
<i>Streptococcus pyogenes</i> group A	19615	33-37 °C	Aerobic, 24 hours	Good

<i>Escherichia coli</i>	25922	33-37 °C	Aerobic, 24 hours	Inhibited
<i>Proteus mirabilis</i>	4630	33-37 °C	Aerobic, 24 hours	Inhibited

Storage (°C): 2-8

Warning and Precautions - For laboratory use only. Do not use tubes if they show evidence of microbial contamination, discoloration, drying, cracking, or other signs of deterioration. Do not use the product beyond its expiry date.



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