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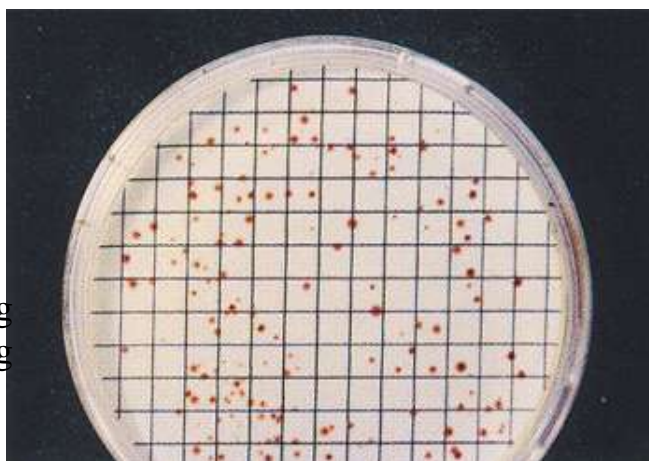
COMPACT-DRY-PLATES®
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SLANETZ-BARTLEY AGAR BASE (WITHOUT TTC)

Selection of enterococcus by membrane filtration (ISO 7899-2:2001, UNE 77-076:1991, BOE 45 of 21/2/2003 of water for human consumption, BOE 259 of 29/X/2003 of packaged water)

COMPOSITION

Tryptose	20,00 g
Yeast extract	5,00 g
Glucose	2,00 g
Hidrog.Phosphate di-K	4,00 g
Azide sodium (Na N ₃)	0,40 g
Agar-agar	12,00 g
(Formula per liter)	
Final pH: 7,2 ± 0,2	



Enterococcus faecalis, pink-purple, according to cepa, after add TTC

PREPARATION

Dissolve 43.5 g of medium in 1 liter of bidestiled water. Heat, shaking, till boiling for its total homogenization and leave 5 minutes more in boiling water. Avoid heat in excess and cold quickly. No autoclave. **Once it is cold to 50-60°C, add 10 ml of TTC solution to 1% (MICROKIT SDA018).** Final colour of medium is colourless-straw. This medium replace to the complet Slanetz-Bartley, without get worried for casual warm-up in excess which turn medium pink.

FOR EXCLUSIVE USE IN LABORATORY
 SHAKE BOTTLE BEFORE USE IT
 KEEP BOTTLE CLOSED IN A DRY, FRESH
 AND DARK PLACE.
 DEHIDRATED CODE: **DMT117**



GROWING CONTROL OF MEDIUM

Elaborated in our laboratory; it is prudent repeat in your laboratory always conditions change (more than 3 months without use, after disinfect your laboratory, after keep to higher temperature, when it acquires bizard aspect although expire date is correct,..)

DEHIDRATED: Thin powder, Yellow PREPARED: Sterile, Cream

CUANTITATIVE GROWING CONTROL 48 h to 37°C more or less.:

E.coli MKTA 25922, Inhibited.

Bacillus subtilis MKTA 6633, Inhibited.

Enterococcus durans MKTA 10541, Good, Pink-maroon colonies, small. According to PCA standard*, counting 133%, but in a selective way.

Enterococcus faecalis MKTA 29212, Good, Pink-maroon colonies, small. According to PCA standard*, counting 124-270%, but in a selective way.

* The one which carry out with a higher recuperation than 92-125% with regard to cuantitatives cepas draw to mother cepa . **Uncertainty detected among all batches during a year** (most of the uncertainties is because of the cepa and proportion of inoculated companion cepas, not to medium).

PRESENTATION: DEHIDRATED MEDIUM. NEW: HERMETICS
PREPARED PLAQUIS ® FOR M.F. with TTC: Ref. PPL909

In prepared broth with TTC: Vials 2 ml, Princkables Vials 100 ml.

Selective medium indicated for isolation and counting of streptococcus faecalis in water and in foods, with the membrane filtration technical or spread in surface method.

SPREAD

Spread in surfaces 0.1 ml of sample and extend with Digrafsky handle, or membrane filtered. Incubate to 36 °C more or less, 44 hours (for better selectivity, to 44-45 °C more or less, preferably after 4h to 36°C more or less).

INTERPRETATION

Red, pink or chestnut-brown colonies, tall and minutes, are considered supposed streptococcus faecalis of the subgroup of Enterococcus. Red colour is less intense as much old is the medium. You must be confirm respreading in Agar Bilis Esculina Azide (MICROKIT DMT160), where colonies grow with a brown-black halo in just two additional hours. Respreading the membrane, you can confirm the 100% of the colonies. Also it is differential the quickly PYR (KWD103) test.

Final user is the only responsible of elimination of microorganisms acording current environmental legislation. Autoclave before throw it to the rubbish.