

# **BIO PCA AGAR** COD L2000537

Add of TTC and CEX

**READY-TO-USE PLATE TO CULTURE AND COUNT BACTERIA**

## **COMPOSITION**

Tryptone	5.0 g/L
Yeast extract	2.5 g/L
Glucose	1.0 g/L
Agar n°2	15.0 g/L
Cycloeximide (CEX)	0.01 g/L
2,3,5-triphenyltetrazolium chloride (TTC)	0.1 g/L
<b>Final pH</b>	<b>7.0 ± 0,2</b>

## **WHEN TO USE**

BIO PCA AGAR is a culture plate suitable for the control of bacteria. The presence of CEX inhibit the growth of yeasts. TTC is a colorless chemical that is turned red by most bacteria, making the colonies easier to count.

The BIO PCA AGAR is ready for use. It does not require any initial preparation, such as rehydration in the case of freeze-dried plates, or the pouring on absorptive pads of liquid media packaged in single doses. Therefore, no manipulations are necessary that could cause contamination.

Because it is in the form of agar, the BIO PCA AGAR guarantees a better result thanks to the greater amount of medium present in each dish (about 15 mL per dish).

## **HOW TO USE**

BIO PCA AGAR is a ready-to-use substrate. It can be used in all cases in which detection of a possible presence of micro-organisms is required.

When the concentration of cells per sample is high, and, therefore, a small amount of sample is sufficient for analysis, the sample can be spooned directly onto the surface of the plate.

When the number of cells is very low, a preliminary concentration of the sample must be put on white membrane filters, and then incubated on the surface of BIO PCA AGAR (as in checking microbiological stability in a bottled sample).

BIO PCA AGAR can also be used to check surfaces by collecting with a sterile swab and then smearing on the agar.

For the growth of the bacteria, the use of white membrane filters and incubation times of at least 72 hours at a temperature of 30°C are recommended.

## **STORAGE**

Store overturned in a refrigerator between 2 and 8 °C.

Store in a dark place.

For further information on the storage and transport of the product, please consult the leaflet enclosed in each package.

## **PACKAGING**

Boxes of 35 Petri dishes.

## **WARNING**

The product is classified as not hazardous.