

DESOXYCHOLATE AGAR

Ready to use plates for the isolation
of enteric pathogens and for the enumeration of coliforms in dairy products.

Typical formula (g/l)

Peptocomplex	10.000
Lactose	10.000
Sodium Chloride	5.000
Dipotassium Hydrogen Phosphate	2.000
Ferric citrate	1.000
Sodium Citrate	1.000
Sodium Desoxycholate	1.000
Neutral Red	0.033
Agar	15.000

Final pH 7.2 ± 0.2

Description

Desoxycholate Agar is a moderately selective medium frequently used for the isolation of enteric pathogens and enumeration of coliforms in dairy products.

The medium can be inoculated with a surface inoculum method. A thin layer of un-inoculated medium poured over the surface of a gelled "pour plate" assists subsequent counting.

Technique

For the isolation of *Enterobacteriaceae*, the medium may be used by direct application of the suspect material by means of a loop or swab. For the enumeration of coliforms, the plate is inoculated with the suitably diluted material, which is then covered with a fine layer of the same medium. The coliforms grow as red colonies, whereas non-lactose-fermenting microorganisms, such as *Salmonella* and *Shigella*, are colourless. This medium can be used for the isolation of enteric pathogens in combination with more selective media, such as SS Agar and Brilliant Green Agar.

Storage

Store at 2-8° - When stored as directed the plates remain stable until the expiry date shown on the label. Do not use beyond stated expiry date

Packaging

541370 **Desoxycholate Agar,** **20 ready to use plates**