CHROMagar™
Salmonella Plus

For detection and isolation of *Salmonella* species including lactose positive *Salmonella*
For detection and isolation of Salmonella species including lactose positive Salmonella in food samples

Background

Mainly due to contamination in the food chain and/or during food-production processes, Salmonella commonly induces enteric illness whose major symptoms are abdominal cramps, diarrhea, nausea, vomiting. More severe cases, for instance typhoid cases or infections in immuno-depressed patients, can lead to body dehydration with renal failure or bacteraemia.

Medium Performance

MEETS ISO 6579:2002 REQUIREMENTS by detecting lactose positive Salmonella in intense mauve colour.

EASY TO READ BY NAKED EYE

Another feature of this new medium resides in its nice colour contrast due to the fact that E.coli are colourless. E.coli, which are usually present in abundance in samples tested for Salmonella and could potentially hide suspect colonies, are no longer a concern.

HIGH SENSITIVITY AND SPECIFICITY

Salmonella including lactose positive Salmonella

99%*


POLYVALENCE

This medium is also convenient for clinical specimens hosting Salmonella such as S. typhi, S. paratyphi

Did you know? RambaQUICK™ Salmonella broth enrichment can be used ahead of the inoculation step of CHROMagar™ Salmonella Plus culture plate, following the RambaQUICK™ Salmonella Method to rapidly detect Salmonella. Product code for this broth enrichment is SQ001.

Medium Description

<table>
<thead>
<tr>
<th>Powder Base</th>
<th>Total</th>
<th>Agar</th>
<th>Peptone and Yeast extract</th>
<th>Salts</th>
<th>Chromogenic mix</th>
<th>Storage at 15/30°C - pH: 7.5 ± 0.2</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>32.8 g/L</td>
<td>15.0</td>
<td>8.0</td>
<td>8.5</td>
<td>1.3</td>
<td>3 years</td>
<td></td>
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</table>

Supplement (included in the pack)

I* : Liquid form ........................................................................ 6ml/L
Storage at 15°C ....................................................................... 5 years

CHROMagar White Opaque supplement

In order to obtain a white opaque background:

Powder form ........................................................................ 1.0 g/L
Storage at 15°C ....................................................................... 3 years

Usual Samples

food, meat, fresh eggs, milk products etc.

Procedure

Inoculation after selective broth enrichment of samples according to ISO 6579.
Incubation 18-24h at 37°C. Aerobic conditions.

Scientific Publications on this product: available on www.CHROMagar.com
Please read carefully the instructions for use (IFU document) available on www.CHROMagar.com

Quality Control Strains

S. abortus ATCC® 35640 .......... mauve
S. typhi ATCC® 13311 ............ mauve
S. enteritidis ATCC® 13076 ........ mauve
S. arizonae CIP 8230 ............... mauve
C. freundii ATCC® 8090 ........... blue
K. pneumoniae ATCC® 13883 ...... blue
S. aureus ATCC® 25923 .......... inhibited
E. fæcalis ATCC® 29212 .......... inhibited
S. saprophyticus ATCC® 15305 ........ inhibited
P. aeruginosa ATCC® 9027 ........ inhibited
E. coli ATCC® 51446 .............. colourless
E. coli ATCC® 25923 ................ colourless

Order References

www.CHROMagar.com/contact

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Find your nearest distributor on www.CHROMagar.com/search

Manufacturer: CHROMagar

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