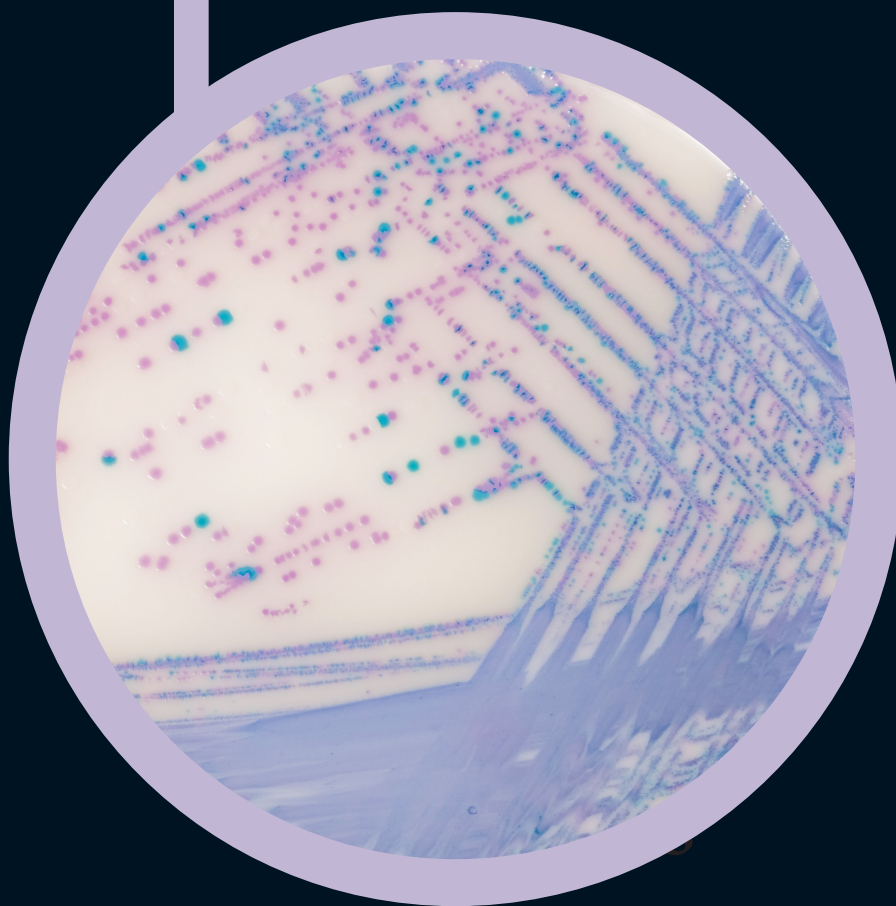


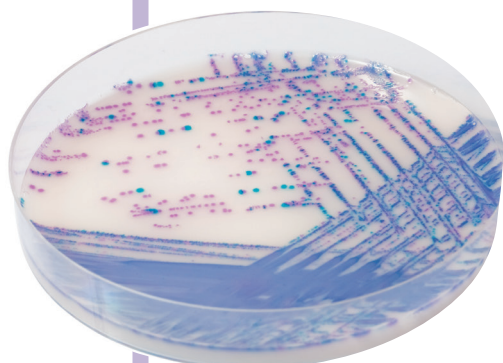
Colorex™ Salmonella Plus



For detection and isolation of *Salmonella*
species including lactose positive *Salmonella*

Colorex™

Ready to use plates made with the original CHROMagar™ powder base



Opaque plate: with Colorex™ White Opaque Supplement

Plate Reading

- *Salmonella* including *S. typhi*, *S. paratyphi* A and lactose positive *Salmonella*
→ mauve
- Coliforms
→ blue
- *E. coli*
→ colourless
- *Proteus*
→ colourless or inhibited

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.

Medium Performance

1

MEETS ISO 6579-1 REQUIREMENTS

by detecting lactose positive *Salmonella* in intense mauve colour.

2

EASY TO READ BY NAKED EYE

Another feature of this 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.

3

HIGH SENSITIVITY AND SPECIFICITY

Salmonella including lactose positive *Salmonella* 99 %*

*Specificity and sensitivity from scientific study: "Evaluation of a new chromogenic medium CHROMagar™ Salmonella Plus for the detection of *Salmonella* species including lactose positive *Salmonella*, *S. Typhi* and *S. Paratyphi*" de Beaumont C., Breuil J., Dedicova D., Tran Q. 2006. Poster presented during ECCMID meeting.

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

Medium Description

Powder Base	Total 32.8 g/L Agar 15.0 Peptone and Yeast extract 8.0 Salts 8.5 Chromogenic mix 1.3 Storage at 15/30 °C - pH: 7.5 ± 0.2 Shelf Life 3 years
+	
Supplement (included in the pack)	1 st : Liquid form 6 mL/L Storage at 15/30 °C Shelf Life 5 years
Colorex™ White Opaque supplement	<u>In order to obtain a white opaque background:</u> Powder form : 1.0 g/L Storage at 15/30 °C Shelf Life 3 years
Usual Samples	food, meat, fresh eggs, milk products etc.
Procedure	Inoculation after selective broth enrichment of samples according to ISO 6579. Incubation 18-24 h at 37 °C. Aerobic conditions.

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