

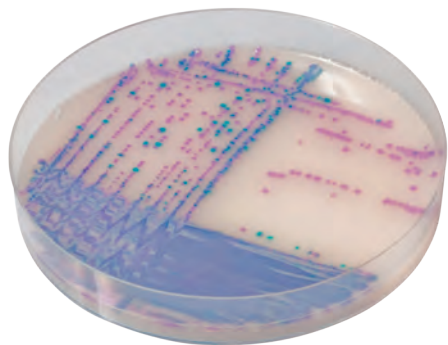
IVD solutions through partnership



CHROMagar™ Salmonella Plus

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

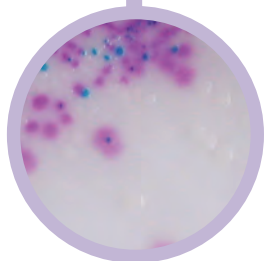
● CHROMagar™ Salmonella Plus



Opaque plate: with CHROMagar™ 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,

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 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.
- 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 ECC MID meeting.

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 206180 bzw. 15SQ001.

Medium Description

| | | |
|----------------------------------------|-----------------------------------------------|----------|
| Powder Base | Total | 32.8 g/L |
| | Agar | 15.0 |
| | Peptones 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) | 1st: Liquid form | 6 mL/L |
| | Storage at 15/30 °C Shelf Life | 5 years |
| CHROMagar White Opaque supplement | In order to obtain a white opaque background: | |
| | Powder form: | 1.0 g/L |
| | Storage at 15/30 °C Shelf Life | 3 years |

| | |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Usual Samples | food, meat, fresh eggs, milk products, clinical samples 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



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Ordering Information

| Product | Order Code |
|----------------------------------------------------------------|------------|
| CHROMagar™ <i>Salmonella</i> Plus dry media, 5 liter | 15SA162 |
| CHROMagar™ <i>Salmonella</i> Plus ready to use plates, 20 pcs. | 201421 |