

**SAVE TIME AND CONFIRMATIONS ...  
DON'T LET YOUR MONEY  
SLIP AWAY!**



## MICROKIT® CHROMOSALM AGAR

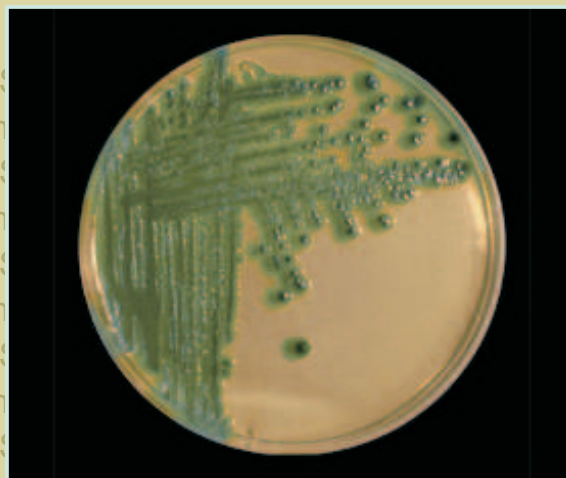
**MICROKIT** EXCLUSIVE chromogenic medium to isolating **Salmonella** colonies in a differential and specific way.

**CHE-Gal** is metabolized by  $\beta$ -galactosidase, producing black colonies in the presence of iron, as with most Enterobacteria. **XOC-gal** is hydrolyzed by **Salmonella**, producing blue-green colonies. The medium is based on the **DCA** (Desoxycholate Citrate Agar) formula.

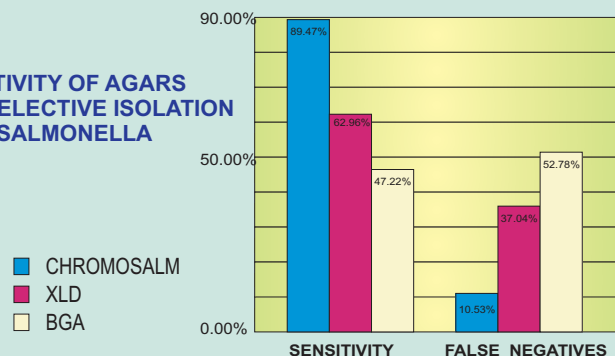
Most media for isolating *Salmonella* are not highly selective and/or differential, creating significant waste in confirming suspect colonies that turn out to be negative. With astonishing specificity, **MICROKIT® CHROMOSALM** drastically reduces the need to confirm false positives, thus saving work and the considerable cost of additional media, biochemical galleries and immunological test.

Validated with 250 natural samples of all types of food and water, it proved to have the best sensitivity (89,47%), specificity (98,45 %) and efficiency (96,40 %) of selective media for the isolation of *Salmonella*.

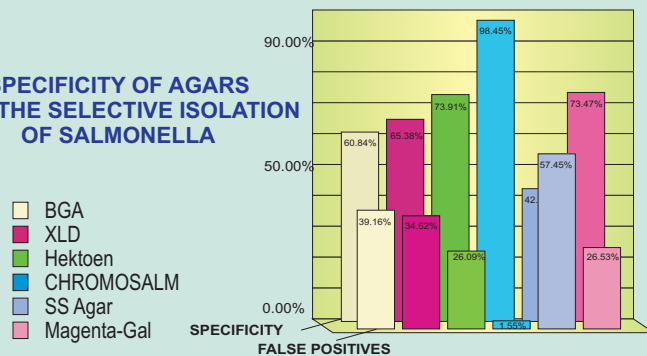
The results are exceptionally higher in Chromosalm than in any other traditional and modern media, including other chromogenic media with substrates that colour the presumed *Salmonella* is red, but which show too many false positives, especially with *Proteus* and *Citrobacter*.



**SENSITIVITY OF AGARS FOR THE SELECTIVE ISOLATION OF SALMONELLA**



**SPECIFICITY OF AGARS FOR THE SELECTIVE ISOLATION OF SALMONELLA**



### INSTRUCTIONS FOR USE

Dissolve 36.5 grams of **MICROKIT® CHROMOSALM** medium in 1 l of bidistilled water and bring to the boil. Sterilise boiling for one minute.

**No autoclaving or additional supplements required!**

### PACKAGING :

- \* 100 g pack. Ref: **DMT500**.
- \* 100 ml prepared flasks to make 5-6 plates. Ref: **RPL012**.
- \* Prepared tubes to make 1 plate. Ref: **TPL402**.

