

ChromoBio® SALMONELLA PLUS BASE

A selective and differential chromogenic medium for the detection of *Salmonella* spp. Comparing with ChromoBio® Salmonella Base the medium has increased selectivity (especially inhibits the *E. coli* efficiently).

Dehydrated media	
Code number:	500 g: SAP20500, 5 kg: SAP25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **22,5 g** in 500 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically the contents of **one vial of Salmonella Plus Selective Supplement (SSP80004)** reconstituted with 4 ml sterile distilled water. Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: SAP30100, 500 ml: SAP30500
Plated media:	55 mm: SAP50055, 90 mm: SAP50090
Colour:	Yellowish
pH (25 °C):	7,3 – 7,5

Direction: Supplement the melted bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Nutrient substrate (peptones, extracts)	10
Chromogenic mixture	22
Agar	13

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Salmonella typhimurium</i> ATCC 14028		Good, mauve colonies	
<i>Escherichia coli</i> ATCC 25922		Inhibited, blue colonies	
<i>Pseudomonas aeruginosa</i> ATCC 27853		Inhibited, colourless colonies	
<i>Enterococcus faecalis</i> ATCC 29212		Inhibited, green colonies	

In vitro diagnostic – for professional use only!