

ChromoBio® StrepB

A selective and differential chromogenic medium for isolation and differentiation of Group B streptococci (GBS).

Dehydrated media	
Code number:	500 g: CSB20500, 5 kg: CSB25000
Packaging of 500 g	500 g agar base + 20 vials selective supplement
Packaging of 5 kg	5 kg agar base + 200 vials selective supplement
Appearance of agar base:	Yellowish, homogeneous hygroscopic powder
Appearance of supplement:	White, homogeneous lyophilisate
pH before autoclaving (25 °C):	7,1 - 7,5

Direction: Suspend **25 g** in 500 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 115 °C for 15 minutes. Cool to 50 °C and add aseptically the contents of **one vial of StrepB Supplement** reconstituted with 4 ml sterile distilled water. Mix well before pouring.

Warning! The medium is heat sensitive. No further sterilisation is necessary or desirable.

Bottled media	
Code number:	100 ml: CSB30100, 500 ml: CSB30500
Packaging of 100 ml bottled media:	100 ml agar base + 1 vial selective supplement
Packaging of 500 ml bottled media:	500 ml agar base + 1 vial selective supplement
Appearance of agar base:	White, opaque gel
Appearance of supplement:	White, homogeneous lyophilisate
pH (25 °C):	7,2 - 7,4

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

Plated media	
Code number:	55 mm: CSB50055, 90 mm: CSB50090
Appearance of plated media:	White, opaque gel
pH (25 °C):	7,2 - 7,4

Direction: Media in Petri-dishes are ready to use.

FORMULA FOR ONE LITRE OF COMPLETE MEDIUM in g/l

Nutrient mixture (peptones, extracts)	24,75
Salts	7,50
Chromogenic mixture	2,50
Selective mixture	0,25
Agar	15,00

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 supplements and 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>Streptococcus agalactiae</i>	ATCC 13813	Good, dark purple colonies	
<i>Enterococcus faecalis</i>	ATCC 29212	Good, turquoise green colonies	
<i>Escherichia coli</i>	ATCC 25922	Inhibited	
<i>Staphylococcus aureus</i>	ATCC 29213	Inhibited	
<i>Candida albicans</i>	ATCC 10231	Inhibited	

In vitro diagnostic - for professional use only!