

# CHROMAGAR StrepB

## For professional use

**1. Description:** chromogenic medium for the isolation and presumptive identification of *Streptococcus agalactiae*.

## 2. Formula / Liter:

Pepton and yeast extract	20,0 g
Mix salt	7,5 g
Chromogenic mix	2,2 g
Agar	15,0 g

## Supplements/Liter:

Selective mix S2	0,25 g
Growth factor mix S1	8,0 ml

**3. Preparation:** disperse slowly 44.7g of powder base in 1L of purified water. Add 8ml of supplement S1 into slurry. Stir until agar is well thickened. Autoclave at 121°C during 15 min. Cool at 45/50°C keeping on stirring. Place under agitation with a magnetic stirring until S2 is solubilized. Filter sterilise and aseptically add 10ml of S2 preparation into (base + S1) slurry cooled at 45/50°C while mixing. Swirl or stir gently to homogenize. Pour into sterile Petri dishes. Let it solidify and dry. Once dried, the appearance of the plates is translucent grey.

**4. pH:** 7,3 ± 0,2 at 25°C.

**5. Sample:** vaginal and vaginal/anal swabs.

**6. Test procedure:** if the agar plate has been refrigerated, allow to warm to room temperature before inoculation. Streak sample onto plate and incubate aerobically at 37°C for 24 hours.

**7. Results:** after proper incubation, read plates against a white background. Colonies of *Streptococcus agalactiae* will appear mauve.

**8. Quality control:** using below strains

Microorganism:	appearance of colony
<i>Streptococcus agalactiae</i> ATCC 12386	pink to red
<i>Enterococcus faecalis</i> ATCC 29212	blue
<i>Escherichia coli</i> ATCC 25922	no growth

**9. Limitations:** definite identification requires additional testing.

**10. Storage:** ready to use plates should be stored at 6 – 12°C in the dark.

**11. Packaging:** cat. no.: 1007 ready to use plates (1 x 10 pcs).

**12. Expiry date:** plates – 3 months.

**13. References:** available on request

**Date of revision:** 2017/01/12

Graso Kfr g 4A. 83-200 Starogard Gdański  
Production Department  
Leśna 1; Owidz 83-211 Jabłowo  
Customer service: +48 58 562 30 21  
[zamowienia@graso.com.pl](mailto:zamowienia@graso.com.pl); [www.grasobiotech.pl](http://www.grasobiotech.pl)