

IVD solutions through partnership



CHROMagar™ StrepB

For isolation and differentiation
of *Streptococcus agalactiae* (GBS)

● CHROMagar™ StrepB

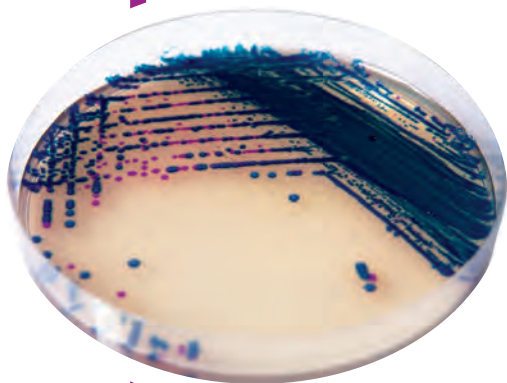
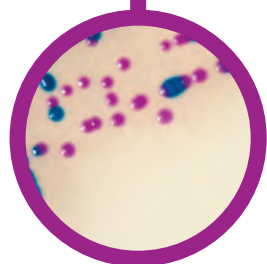


Plate Reading

- Group B *Streptococcus*
→ mauve
- Other Microorganism
→ blue, colourless or inhibited



For isolation and differentiation of *Streptococcus agalactiae* (GBS)

Background

GBS in pregnant women: The Group B *Streptococci* (GBS), also known under the name of *Streptococcus agalactiae*, are the cause of numerous infections in adults but mostly an important cause of serious neonatal infections, occurring in the three first weeks of life. Studies indicate that approximately 12-27% of pregnant women are colonised by GBS. (WHO, Infectious diseases, Group B *Streptococcus*). Detecting vaginal (and in some countries also rectal) colonisation by GBS in pregnant women is the most effective strategy to prevent infection transmission during baby delivery.

Worldwide, official guidelines recommend prenatal screening of GBS in the last month of pregnancy. In GBS-carrying women, this screening allows determining the need of intrapartum antibiotic prophylaxis, which has been proved effective in preventing the infections occurring in the first week of life (known as early-onset GBS infections).

Medium Performance

Compared to CNA Blood Agar and Granada:

- 1 Easy interpretation**
Easier reading thanks to an intense mauve colony colouration.
- 2 High sensitivity**
Detection of GBS, including non-haemolytic strains, with sensitivity close to 100 %.
- 3 High specificity**
Differentiation of GBS from other bacteria by selective inhibition or by counter-colouration.
- 4 Fast**
Results in 18-24 h.
- 5 Simplicity**
Incubation in aerobic conditions. No need of CO₂. Confirmation by latex agglutination can be performed directly from the colony.

Medium Description

Powder Base	Total	44.7 g/L
	Agar	15.0
+ 2 Supplements (included in the pack)	Peptone and yeast extract	20.0
	Salts	7.5
	Chromogenic mix	2.2
	Storage at 15/30 °C - pH: 7.3 +/-0.2	
	Shelf Life	> 18 months
	1 st : Liquid form..... 8 mL/L	2 nd : Powder..... 0.25 g/L
	Storage at 15/30 °C	Storage at 2/8 °C
	Shelf Life..... > 18 months	Shelf Life..... > 18 months

Usual Samples	Vaginal samples, rectal swabs, faeces, urine
Procedure	Direct Streaking. Possible prior enrichment with our LIM RambaQUICK™ StrepB (ref. LB082). Incubation 18-24 h at 35-37 °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



Manufacturer:

CHROMagar
4 place du 18 juin 1940 75006 Paris - France
e-mail: CHROMagar@CHROMagar.com
www.CHROMagar.com

Distributed by:
Mast Diagnostica GmbH
Feldstraße 20
DE-23858 Reinfeld

Tel: +49 (0)4533 2007 0
Fax: +49 (0)4533 2007 68
e-mail: mast@mast-diagnostica.de
www.mast-group.com

Ordering Information

Product	Order Code
CHROMagar™ StrepB dry media, 5 liter	15SB282
CHROMagar™ StrepB ready to use plates, 20 pcs.	201007