

IVD solutions through partnership



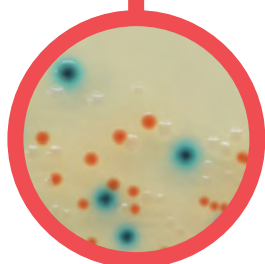
CHROMagar™ StrepA

For screening of Group A Streptococci
in throat samples

● CHROMagar™ StrepA

Plate Reading

- Group A *Streptococcus*
→ orange to red
- Other oral Streptococci
→ colourless or blue



For screening of Group A Streptococci in throat samples

Background

Streptococcus pyogenes infection is responsible for nearly all Streptococci caused bacterial pharyngitis, therefore the specific target of current strep throat screening methods.

Rapid and accurate detection of this microorganism in throat specimens, particularly in children and elderly patient, is essential to start antibiotic therapy, to prevent complications and reduce the risk of transmission to other persons.

Patients are commonly tested for the presence of GAS using antigen detection test that provide results in 15-20 minutes, but with a positive predictive value of ~70-90 % and a rate of false negatives ~10-20 %. However, throat culture is used primarily as a confirmatory test with definitive results requiring 24 h.

CHROMagar™ StrepA is a new chromogenic formulation allowing for an easy to read and straight forward color differentiation of GAS colonies (in orange to red) among the other bacteria in the complex throat flora (colorless or blue colonies).

Medium Performance

- 1 First Chromogenic medium**
Designed for the detection of *S. pyogenes*.
- 2 Easy interpretation**
Easier reading thanks to an intense orange to red colony colouration.
- 3 High sensitivity**
Detection of GAS strains with a sensitivity close to 100 %.
- 4 High sensitivity**
Differentiation of GAS in orange colonies from the other oral *Streptococci* which grow in blue or colorless colonies.

Medium Description

Powder Base	Total	54.3 g/L
	Agar	15.0
	Peptone and yeast extract	27.0
	Salts	9.0
	Growth factors.....	3.0
	Chromogenic and selective mix	0.3
	Storage at 15/30 °C - pH: 7.2 +/-0.2	
	Shelf Life	> 12 months
+		
2 Supplements (included in the pack)	1 st : Liquid form.....	2 mL/L
	Storage at 15/30 °C	
	Shelf Life.....	> 18 months
	2 nd : Powder.....	0.1 g/L
	Storage at 2/8 °C	
	Shelf Life.....	> 18 months

Usual Samples	throat swabs
Procedure	Direct Streaking. Incubation 18-24 h at 35 °C. Under CO ₂ .

Scientific Publications on this product: available on www.CHROMagar.com
Please read carefully the instructions for use (IFU document) available on www.CHROMagar.com



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Ordering Information

Product	Order Code
CHROMagar™ StrepA dry media, 5 liter	15SP372
CHROMagar™ StrepA ready to use plates, 20 pcs.	201107