

Prepared media

One simple change for quick, easy detection of Group A *Streptococcus*

Thermo Scientific™ Spectra™ Strep A Agar – A chromogenic media for simple screening of Group A *Streptococcus* (GAS) infections

Spectra Strep A Agar is a plated chromogenic medium for simple screening of Group A *Streptococcus* (GAS) infections in throat samples.

Easy to read

- Distinctive orange colonies for GAS
- Non-target organisms are easily distinguished
- Other Gram positive bacteria are generally inhibited, creating a clear background

Convenient and easy to use

- Ready-prepared plate
- Direct streaking from throat sample

Cost-effective

- No confirmation step needed
- No need to subculture

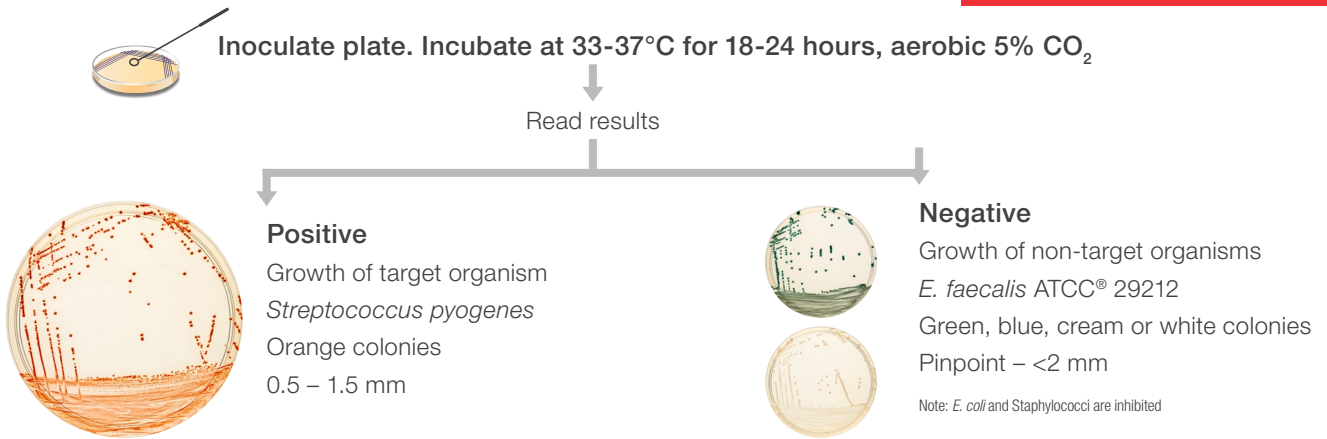
Timely results

- Complete GAS identification within 24 hours (including slower growing GAS strains)



Spectra Strep A Agar is a chromogenic formulation enabling easy to read and straightforward color differentiation of GAS colonies, which show as orange to red colonies among the other bacteria in the complex throat flora (shown as colorless or blue colonies).

The medium provides direct identification of GAS, direct from throat swabs in 24 hours. Spectra Strep A Agar utilizes a novel formulation for the recovery and detection of Group A Streptococci, ensuring that even slower growing strains are detectable at 24 hours. The differentiation from other bacteria works by targeting organism-specific enzymatic reactions through the uptake and cleavage of a chromogenic substrate, displaying the GAS colonies as orange. Other bacteria will generally be inhibited, colorless or blue.



Please note, organisms with an atypical enzyme pattern may give anomalous reactions on Thermo Scientific™ Spectra™ Group A *Streptococcus* Agar.

Performance

A clinical study was conducted at the The Medical College of Wisconsin, Inc. A total of 366 non-consecutive clinical throat swab samples from patients with suspected infection from *Streptococcus pyogenes* (Group A *Streptococcus*) were included in this study. These samples were inoculated within 24 hours onto the test media; Spectra Strep A Agar (R01812) and the reference non-selective media Thermo Scientific™ Remel™ Blood Agar (Tryptic Soy Agar with 5% Sheep Blood (BAP)) (R01202) with a Thermo Scientific™ Oxoid™ Bacitracin Antimicrobial Susceptibility

Disc (CT0005B). Additional GAS spiked normal flora testing with 29 of the negative clinical throat swab samples were also included in this study.

The sensitivity of the Spectra Strep A plate and the reference BAP with bacitracin disc were 97.8% and 83.3%, respectively. The specificity of the Spectra Strep A plate and the reference BAP with bacitracin disc were 99.7% and 93.8%, respectively.

Ordering information

Description	Packaging	Ref
Plates		
Ready Poured Plates	1x10 90mm plates	R01812
Transport Swabs		
The Thermo Scientific™ Oxoid™ swab range creates optimized conditions to maintain the viability of samples while allowing the safe and convenient collection of screening samples		
Amies Agar Gel	10x50	R723000
Amies Agar with Charcoal	10x50	R723040
Quality Control Organisms		
Thermo Scientific™ Culti-Loops™ Quality Control Organisms		
<i>Streptococcus pyogenes</i> group A ATCC® 12384™*	5 loops	R4609242
<i>Streptococcus pyogenes</i> group A ATCC® 21547™*	5 loops	R4609211



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For more information about the Thermo Scientific Spectra range of chromogenic media, visit thermoscientific.com/chromogenicmedia or contact your local Thermo Fisher Scientific Microbiology representative.

Thermo Fisher Scientific products are distributed globally so uses, applications, and availability of product in each country depend on local regulatory marketing authorization status. Spectra Strep A Agar is available in the U.S. only.