

# RANDOX

## Strep A Rapid Test

### Detection of *Streptococcus pyogenes*

Group A *Streptococcus* (GAS) is the primary culprit behind bacterial pharyngitis in school-aged children. Typically resulting in a mild illness characterised by symptoms such as a sore throat, headache, and fever, GAS infections may also manifest as scarlet fever, presenting with a fine, red rash. Although often manageable, severe cases warrant antibiotic treatment for effective resolution.

An automated, qualitative in vitro diagnostic test employing real-time polymerase chain reaction (PCR) is utilised to detect nucleic acids from *Streptococcus pyogenes* in human oropharyngeal swabs. This advanced test serves as a valuable aid in diagnosing streptococcal pharyngitis in symptomatic individuals.

Detection Method: Real-Time PCR

Result Time: Less than 30 minutes

Sample Volume: 300µl

Sample Type: Oropharyngeal swabs

### DETECTABLE PATHOGEN

*Streptococcus pyogenes*



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## VIVALYTIC

### Cartridge Based Testing Platform

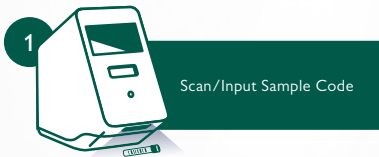
The Strep A rapid test on Vivalytic offered by Bosch, a point of care platform brought to the market by Randox Laboratories. The Vivalytic system is a fully automated, cartridge-based platform capable of both High-Plex and Low-Plex patient testing. Each easy-to-use cartridge contains all necessary reagents, is a closed system to minimise risk and can be conveniently stored at room temperature.

#### Vivalytic Key Features:

- Cartridge based platform
- Fully-automated
- Suitable for both non-laboratory & laboratory settings
- Small footprint device
- Rapid turnaround from sample entry to results

## VIVALYTIC WORKFLOW

### 4 Easy Steps for Optimised Workflow



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