

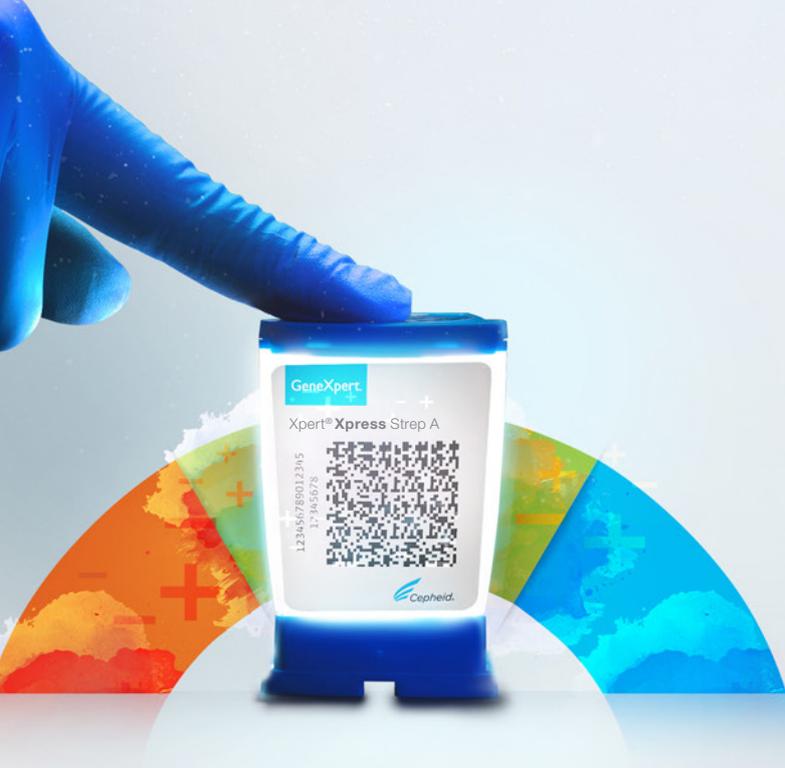
Xpert® Xpress Strep A

Rapid, Quality Results. No Compromise.

→ **Now** you can have it all.

  In Vitro Diagnostic Medical Device
May not be available in all countries.

 **Cepheid**®
A better way.



Xpert® Xpress Strep A

The Need

To accurately diagnose pharyngitis caused by Group A Streptococcus (GAS) due to increasing incidence and prevalence globally.

- Annually, **616 million people** have GAS pharyngitis, **more than 18.1 million people develop severe GAS** disease and more than **517,000 people die** due to severe GAS disease.¹

Reduce overuse of antibiotics for the treatment of pharyngitis

- Based on recent literature **37% of children** presenting with pharyngitis tested positive for GAS, however **56% of visits were associated with antibiotic prescriptions**. Similarly, **18% of adults** presenting with pharyngitis caused by GAS, but **72% were treated** with antibiotics.²

The Impact

- Accurate diagnosis of GAS supports antimicrobial stewardship and may reduce the amount of patients inappropriately prescribed antibiotics.
- Gain testing efficiencies and reduce costs by eliminating culture confirmation testing.³
- Reduce the risk of GAS complications such as rheumatic fever and glomerulonephritis.
- Improve patient satisfaction with quicker time to result and appropriate prescriptions.

The Solution

- Cepheid provides on-demand testing for Group A Strep in **as soon as 18 minutes***
- Careful selection of the target gene produces quality results
- Delivering accurate and timely results optimizes fast treatment decisions

* With Early Assay Termination (EAT) for positive results. Refer to Package Insert Xpert Xpress Strep A CE-IVD 301-6569 Rev. A.

“ National guidelines for Pharyngitis recommend antibiotic therapy only for streptococcal pharyngitis.²”

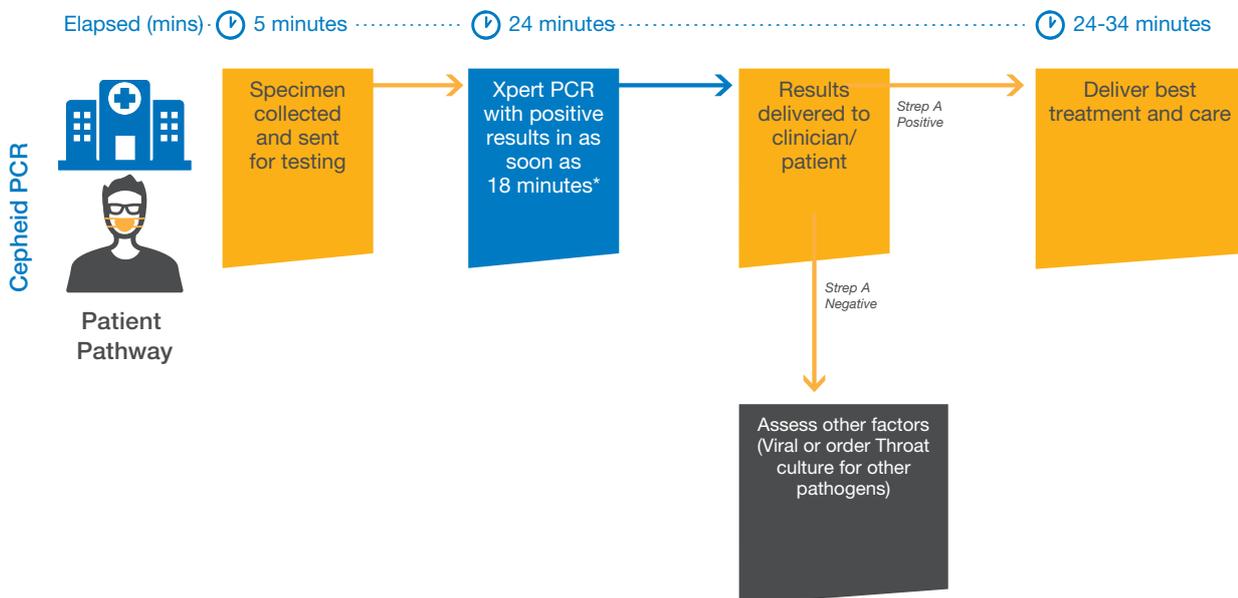
The Infectious Disease Society of America further clarifies that, with the rare exception of infection by certain *Corynebacterium diphtheriae* and *Neisseria gonorrhoeae*, antimicrobial therapy is of no proven benefit as treatment for acute pharyngitis due to organisms other than Group A Streptococcus.⁴



Impact on Outpatient Pathway

Improving Patient Satisfaction

Xpert **Xpress** Strep A provides medically actionable and timely information to clinicians to support improved patient management and antibiotic stewardship.



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Xpert[®] Xpress

Powered by **Cepheid** Innovation

Xpert[®] Xpress Strep A is a qualitative real-time PCR test providing accurate detection of Group A Streptococcus in as soon as 18 minutes*.

Group A Strep Detection in 3 Simple Steps



1

Obtain throat swab specimen



2

Transfer sample to cartridge



3

Insert cartridge
and start test

True Automation for Group A Strep Testing

CATALOG NUMBER

Xpert Xpress Strep A (10 tests) XPRSTREPA-CE-10

COLLECTION DEVICES (not included in kit)

Copan E-Swab in liquid Amies 480CE and 480C

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References:

1. The Global Burden of Group A Streptococcal Diseases. Lancet Infect Dis. 2005 Nov; 5(11):685-94.
2. Fleming-Dutra KE, et al. Prevalence of Inappropriate Antibiotic Prescriptions Among US Ambulatory Care Visits, 2010-2011. JAMA. 2016 May 3;315(17):1864-73.
3. Workflow studies conducted by Cepheid Solutions demonstrate that a throat culture confirmation workup costs- \$9.13 per culture. (Average cost includes reagents, labor cost and time). Data on file.
4. Shulman ST, et al. Clinical Practice Guideline for the Diagnosis and Management of Group A Streptococcal Pharyngitis: 2012 Update by the Infectious Diseases Society of America. Clin Infect Dis. 2012 Nov 15;55(10):1279-82.

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