



bioNexia[®] Strep A dipstick
is a rapid test

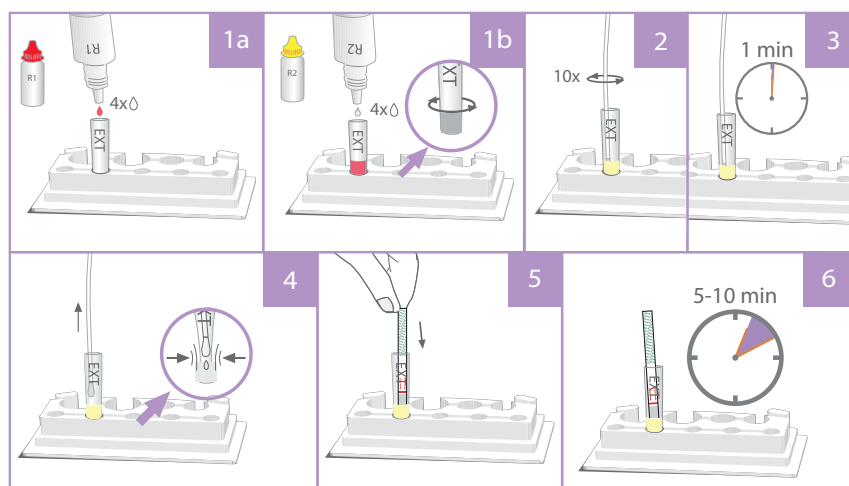
**for the qualitative detection
of group A Streptococcal
antigen (GAS)**

directly from human throat
swab specimens

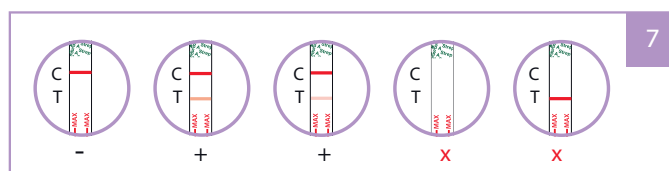
bioNexia[™]

Get **MORE** from your Rapid Test

TEST PROCEDURE



TEST INTERPRETATION



Why choose bioNexia® Strep A dipstick?

- Aid in the determination of the presence of group A *Streptococcus*
- Result available in just 5 minutes enabling physicians to make a quick diagnosis and prescribe suitable treatment
- Result remains stable for an additional 5 minutes
- Affordable strip format
- Easy-to-use, all-inclusive kit



Clinical Background

- Acute sore throat is a symptom often caused by an inflammatory process in the pharynx, tonsils or nasopharynx. Most of these cases are of viral origin and occur as part of the common cold,¹ requiring only symptomatic treatment. However, when bacterial pathogens are the cause of pharyngeal infections, antibiotic treatment may be required.
- Beta-hemolytic group A *Streptococcus* (GAS) is a major cause of upper respiratory tract infection, such as tonsillitis or pharyngitis. Rapid, accurate diagnosis of a GAS infection can help physicians to prescribe antibiotic treatment only when necessary, helping to reduce incidence of adverse effects and the spread of bacterial resistance.
- Early diagnosis and treatment of group A streptococcal pharyngitis has also been shown to reduce the severity of symptoms and further complications, such as rheumatic fever and glomerulonephritis.^{2,3}

1. Pelucci, C., Grigoryan, L., Galeone, C. Guideline for the management of acute sore throat. ESCMID Sore Throat Guideline Group. Clin Microbiol Infect. 2012;18:1-27.
2. Facklam, R.R. and Carey, R.B., Streptococci and Aerococci, Manual of Clinical Microbiology, 4th ed., Lennette, E.H., Balows, A., Hausler, W.J. and Shadomy, H.J. editors, American Society for Microbiology; 1985, PP154-175.
3. Edwards, E.A., Phillips, I.A., and Suiter, W.C. Diagnosis of group A streptococcal infections directly from throat secretions. J. Clin. Microbiol. 1982;15:481-483.

Technical data:

- Reference: 414 556 (25 tests)
- Analytical sensitivity: 1x10⁴ org/swab
- Shelf-life: 24 months from date of manufacturing
- Storage temperature: +2°C to +30°C
- Content of the kit
 - 25 test strips in individually sealed pouches
 - 25 sterile swabs
 - 25 extraction tubes
 - 25 sterile tongue depressors
 - Two reagents: R1 and R2
 - Controls: 1 positive, 1 negative
 - 1 quick user guide
 - 1 package insert
 - 1 reagent holder

Dimensions of the kit

- Length: 220 mm
- Width: 180 mm
- Height: 86 mm
- Weight: 432 g

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bioMérieux S.A.
69280 Marcy l'Etoile
France
Tel. : +33 (0)4 78 87 20 00
Fax : +33 (0)4 78 87 20 90

www.biomerieux.com/bionexia

