



STREP A RAPID TEST

Rapid Test for the detection of group A β -hemolytic
Streptococcus in pharyngeal swab



STREPTOCOCCUS A

Group A β -hemolytic streptococcus (also known as *Streptococcus pyogenes*) is a Gram-positive bacterium that constitutes the most frequent bacterial cause of acute pharyngitis - 30/40% in European children and 5-15% in adults.

In order to properly treat the disease using antibiotic therapy, it is important to use an accurate diagnostic method to quickly identify the pathological agent.

WHO ARE THE INTENDED USERS

Healthcare professionals with patients who present the following symptoms: sore throat, pain when swallowing, red and swollen tonsils, fever, weakness, nausea and vomit (especially in children). It's important to pay higher attention to children (higher incidence between 3-15 yrs) and fragile people (e.g. elderly persons).

TEST PRINCIPLE

STREP A RAPID TEST is a rapid lateral flow immunochromatographic assay for the qualitative detection of specific streptococcus A antigens in human throat swab, thanks to special gold conjugate antibodies embedded to a test strip.

TECH SPECS

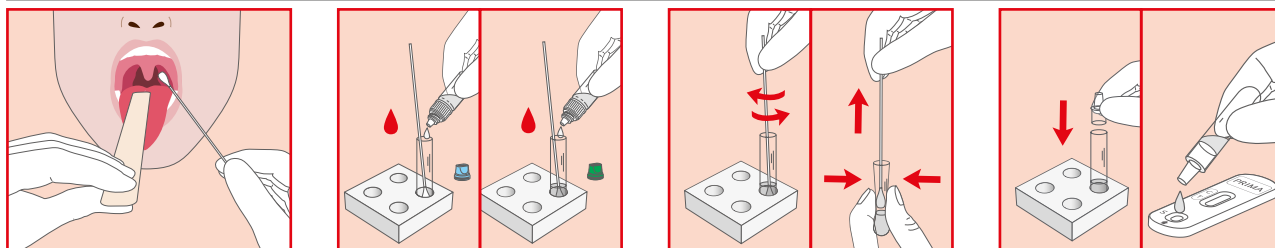
CUT-OFF	SENSITIVITY	SPECIFICITY	OVERALL ACCURACY
10^4 CFU/mL	91,89%	99,00%	97,90%

Performance data obtained by clinical study with 238 samples tested comparing with another rapid immunochromatographic test used as reference method.

CLINICAL EVIDENCES

1. Banerjee S, Ford C. "Rapid Tests for the Diagnosis of Group A Streptococcal Infection: A Review of Diagnostic Test Accuracy, Clinical Utility, Safety, and Cost-Effectiveness". Ottawa (ON): Canadian Agency for Drugs and Technologies in Health; 2018 May. CADTH Rapid Response Reports.
2. Centers for Disease Control and Prevention. Adult appropriate antibiotic use summary. <http://www.cdc.gov/getsmart/community/materials-references/print-materials/hcp/adult-approp-summary.pdf> 2016.
3. Llor C., Bjerrum L., Munck A., Cots JM., Hernández S., Moragas A.; HAPPY AUDIT Investigators. "Access to point-of-care tests reduces the prescription of antibiotics among antibiotic-requesting subjects with respiratory tract infections." *Respir Care*. 2014 Dec.

HOW TO USE IT



CONTENT: 20 test cassettes, 20 swabs, 20 tongue depressors, 20 empty test tubes with droppers, 1 R1 vial, 1 R2 vial, 1 workstation, 1 instruction for use.

REF	DESCRIPTION	NUMBER OF TESTS	SHELF LIFE
800060IP-20P	STREP A RAPID TEST	20 TESTS	30 MONTHS

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