

# INTEX<sup>®</sup>-NEO Strep A plus Test

Rapid test for the proof of Streptococcus A antigens in throat reduction samples

## ***Fast and reliable diagnosis for rapid treatment!***

The INTEX<sup>®</sup>-NEO Strep A plus Test is a lateral flow, one-step immunoassay for the rapid, qualitative detection of Group A Streptococcal antigen directly from throat swabs. Streptococcus of group A is the main reason for throat infections such as Tonsillitis, Pharyngitis and Scarlet. Rapid diagnosis and treatment of the infections caused by Streptococcus is necessary, in order to moderate the symptoms and avoiding possible complications such as rheumatic fever and Glomerulonephritis.

### Test characteristics

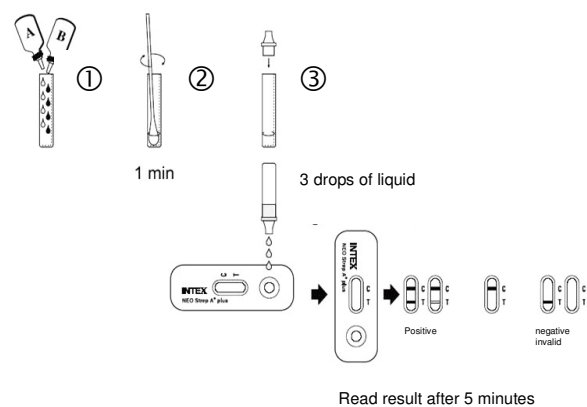
- **Qualitative one step rapid test**
- **Simple handling**
- **Reliable results in 5 minutes**
- **Highly specific for Streptococcus of group A**
- **Analytical sensitivity:  $1 \times 10^5$  germs per reduction**
- **High diagnostic sensitivity and specificity**
- **Storage at room temperature up to 2 years**



### Test procedure

- ① Insert 4 drops each from reagent A and B into the extraction tube.
- ② Dip the swab with the sample into the extraction tube, stir and leave the swab in the liquid for 1 minute. Press out the liquid from the swab against the tube inside and take the swab out.
- ③ Place the dropper cap on the extraction tube and dispense 3 drops of extraction liquid into the sample opening of the test cartridge.
- ④ Read the results after 5 minutes.

4 drops of reagent A and B



## Your advantages

- Simple handling
- Reliable results after 5 minutes
- Built-in function control
- Pipette 3 drops only – no overflowing of the test cartridge
- Storage up to 2 years

## Analytical sensitivity and specificity

In trials with a dilution row of streptococcus A, an analytical sensitivity of  $1 \times 10^5$  germs per swab was determined for the INTEX<sup>®</sup> NEO Strep A plus test.

For determination of the analytical specificity the following organisms were examined for a possible cross reactivity in the INTEX-NEO Strep A<sup>®</sup> plus test. With a number of germs of  $1 \times 10^7$  per swab no cross reactivity was determined for:

*Streptococcus Groups B, C, F, G; Streptococcus bovis, Proteus vulgaris, Staphylococcus epidermidis, Streptococcus faecium, Corynebacterium diphtheriae, Neisseria gonorrhoeae, Staphylococcus saprophyticus, Streptococcus mutans, Bordetella pertussis, Neisseria meningitidis, Streptococcus salivarius, Streptococcus mitis, Candida albicans, Neisseria subflava, Streptococcus Group C, Streptococcus Group F, Haemophilus paraaemolyticus, Pseudomonas aeruginosa, Staphylococcus aureus, Streptococcus faecalis, Escherichia coli, Neisseria lactima, Streptococcus pneumoniae, Moraxella catarrhalis, Neisseria sicca, Streptococcus sanguis*

## Comparative study

The comparative study between the INTEX-NEO Strep A<sup>®</sup> plus test and the conventional culture technique was carried out at several clinical centres:

Method		INTEX <sup>®</sup> -NEO Strep A plus Test		Final result
Culture	Result	positive	negative	
	positive	76	8	84
	negative	4	156	160
<b>Final result</b>		80	164	244

Diagnostic Sensitivity: 97%

Diagnostic Specificity: 95%

Correspondence: 95%

INTEX <sup>®</sup> -NEO Strep A plus Test	▼	REF
	5 test cassettes	SAP2205
	20 test cassettes	SAP2220



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