



Qualitative assessment of Neisseria Gonorrhoeae

AMPLI SET Neisseria Gonorrhoeae

Cat. n. 1.603

The sexually transmitted diseases (STDs, sexually transmitted diseases) are a large variety of bacterial, viral and parasitic infections, acquired through sexual activity. The STDs are caused by 25 infective organisms. The most common STDs are: chlamydia, gonorrhea, herpes, HIV, HPV, syphilis, urea plasma, gardnerella and tricomoniasi. The development of the assays based on PCR allowed to progress in the STSs diagnosis.

The kit Ampli Neisseria gonorrhoeae is an assay for the qualitative assessment of Neisseria gonorrhoea in samples as urogenital swabs, urine, prostatic liquid and other biological materials.

The kit Neisseria gonorrhoeae is based on two main processes: the extraction of DNA from the samples and the amplification by PCR using specific primers for Neisseria gonorrhoeae and one for the internal control.

Principle of method: A) DNA extraction B) PCR C) revelation on agarose gel.

Applicabilità: on extracted and purified DNA from urogenital swab, urine, prostatic liquid and other biological materials.

Number of test : 50

Stability: until the date of expiry

ANALYSIS OF RESULTS

The sample is positive for Neisseria Gonorrhoeae DNA if the band of 395 bp is observed, while the band of 660 bp of the internal control shows that the test is valid.

M 1 2 3



M: Ladder 50 bp

1: positive sample for Neisseria Gonorrhoeae

2: positive sample for Neisseria Gonorrhoeae

3: negative sample for Neisseria Gonorrhoeae

The positive samples, after the screening, are amplified by PCR Mix 2 and they confirm the presence of Neisseria Gonorrhoeae, in these samples there will be an amplified of in 450 bp.

M 1 2



M: Ladder 100 bp

1: positive sample for Neisseria Gonorrhoeae

2: positive sample for Neisseria Gonorrhoeae

REAGENTS AND STORAGE

NAME	CONSERVATION
PCR Mix 1 A*	-20°C
PCR Mix 1 B**	-20°C
PCR Mix 2	-20°C
Taq Polimerase	-20°C
Positive control	-20°C
Negative control (sterile water)	-20°C
Internal Control	-20°C

* contains primers for screening di Neisseria Gonorrhoeae screening

**contains primers for Neisseria Gonorrhoeae presence confirmaton