

Rapid and reliable detection of ...



... *Neisseria gonorrhoeae*

Your fluorescence-based molecular genetic test system for the rapid and reliable detection of *Neisseria gonorrhoeae* directly from patient specimens.



Your benefits of using FluoroType[®] NG

- **User-friendly:** A ready-to-use amplification mix including the Taq polymerase is provided with each kit, thus allowing for a simple PCR preparation. Fully automated amplification and detection takes place in the **FluoroCycler[®]**. The subsequent evaluation and result interpretation is performed by the user-friendly **FluoroSoftware**.
- **Reliable:** The Internal Control ensures a successful sample extraction and also serves as inhibition control for the amplification. Valid results are therefore guaranteed.
- **Flexibel:** **FluoroType[®] NG** is ideal for laboratory routines with a low and medium sample throughput.
- **Compatible with FluoroType[®] CT:** The DNA isolated for **FluoroType[®] NG** can also be used for the detection of *Chlamydia trachomatis*. Both tests can be processed simultaneously in the **FluoroCycler[®]**.
- **CE-IVD certified:** No need for elaborate validation studies!

Facts

Gonorrhoea is one of the most prevalent sexually transmitted infections worldwide. It is caused by the bacterium *Neisseria gonorrhoeae*, which is primarily restricted to mucous membranes of the endocervix, urethra, rectum and pharynx. As the infection is asymptomatic in up to 50% of all patients, it is frequently not recognised and thus not treated. This can lead to serious complications such as infertility or ectopic pregnancy. Therefore, in cases of suspected infections, fast and reliable diagnostics are crucial in order to initiate an antibiotic therapy in time. This is the only way long-term consequences and the spreading of the pathogen can be prevented.

FluoroType® NG

The test system **FluoroType® NG** allows for the rapid and reliable detection of *Neisseria gonorrhoeae* directly from patient specimens such as urethral or cervical swabs and urine. Furthermore, the DNA extracted for **FluoroType® NG** can also be used in **FluoroType® CT** for the identification of *Chlamydia trachomatis* and vice versa. Both tests can be combined easily as they can be processed simultaneously in the **FluoroCycler®**.

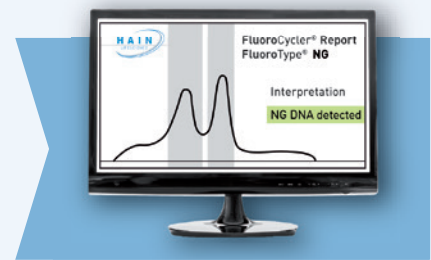
Test principle of FluoroType® NG



DNA extraction



Amplification and detection



Result in approx. 3 hours

Innovative technology

For the innovative **FluoroType® NG** bacterial DNA is extracted from patient specimens. The subsequent amplification and detection run fully automated in the **FluoroCycler®** instrument. Results are interpreted by the specific and user-friendly **FluoroSoftware** and are available after only three hours.

For further information please contact Hain Lifescience or your local distributor.

Hain Lifescience GmbH

Hardwiesenstrasse 1 | 72147 Nehren | Germany
Tel.: +49 (0) 74 73- 94 51- 0 | Fax: +49 (0) 74 73- 94 51- 31
E-Mail: info@hain-lifescience.de | www.hain-lifescience.de



A Bruker Company