

IVD

A large graphic with a dark blue background filled with glowing particles and light trails. A prominent white text "STI" is centered on a dark red horizontal band. To the right, there are several overlapping, glowing blue lines that resemble a signal waveform or data plot.

STI

FluoroType[®] STI

- Powered by **LiquidArray[®]**

Detect up to 7 sexually transmitted pathogens in one well

- Covering the most prevalent bacterial and parasitic pathogens
- Dual gene detection of *Neisseria gonorrhoeae* and *Chlamydia trachomatis*
- Streamlined workflow from sample to result
- Results at a glance

FluoroType® STI

In Europe the most common bacterial sexually transmitted infections (STIs) are caused by *Chlamydia trachomatis* and *Neisseria gonorrhoeae*. In addition, *Trichomonas vaginalis* and *Mycoplasma genitalium* are considered “important and under-recognised” causes of STI. The detection of three further STI-related species complement an essential and reliable testing for preventing chronic disease and guiding treatment regimens even in complex clinical pictures. The test is validated for use with different genital swabs and urine. PCR results are produced in under two hours.

Neisseria gonorrhoeae

The accurate diagnosis of *N. gonorrhoeae* presents a particular diagnostic challenge. This is due to high recombination rates between different *Neisseria* species, and non-pathogenic *Neisseria* species colonizing the pharynx. FluoroType® STI provides confidence in *N. gonorrhoeae* reporting by requiring the detection of two independent genes to return a *N. gonorrhoeae* positive result. When only a single gene is detected a *Neisseria* species result is returned, which can be further investigated, if desired, to determine whether treatment is required.

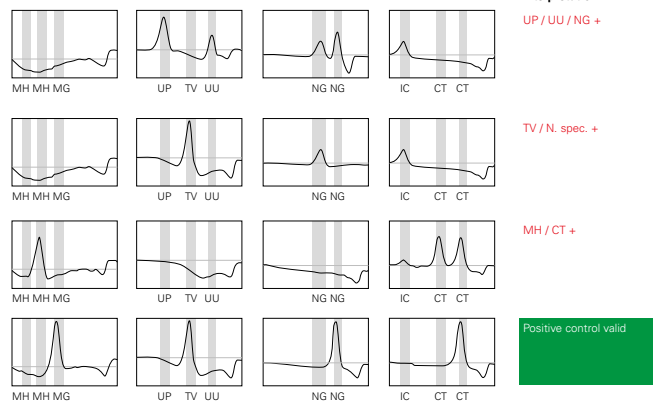
Dual target detection of:

Chlamydia trachomatis
Neisseria gonorrhoeae

Single target detection of:

Trichomonas vaginalis
Mycoplasma genitalium
Mycoplasma hominis
Ureaplasma parvum
Ureaplasma urealyticum

Example result report



LiquidArray®

LiquidArray® is a next generation molecular diagnostics technology, offering remarkable multiplex capabilities. Powered by LiquidArray®, the assay is able to detect nine different targets, covering seven pathogens, in a single well.

Automated nucleic acid extraction and results at a glance

The GenoXtract® nucleic acid extraction systems, in combination with dedicated extraction kits, provide high quality nucleic acid extraction for optimal PCR performance. The FluoroCycler® XT provides fully automated analysis and the FluoroSoftware® XT-IVD generates results at a glance, in an easy to use, easy to interpret test report.



- Detecting 9 targets covering 7 pathogens in one well
- Confident *Neisseria gonorrhoeae* reporting
- Results at a glance with FluoroSoftware® XT-IVD

Please contact your local representative for availability in your country. Not for sale in the USA. FluoroType®, FluoroCycler®, Liquid Array®, GenoXtract® and Fluoro-Software® are registered trademarks for the Bruker corporate group.



Nehren · Germany
Phone +49 (0) 7473-9451-0

info.mdx.de@bruker.com
www.hain-lifescience.de

