



Benefits:

- Detection of ALL CT serovars.
- Highly specific NG detection (no confirmation needed).
- Unique double infection detection.
- Simple implementation.
- IVD-CE certified.
- Suitable for all real-time PCR's.
- Applicable on all human clinical samples.
- Unique Isolation Amplification Control.
- Made in the Netherlands.

Presto 100 & 500 combined qualitative real time CT/NG PCR assays

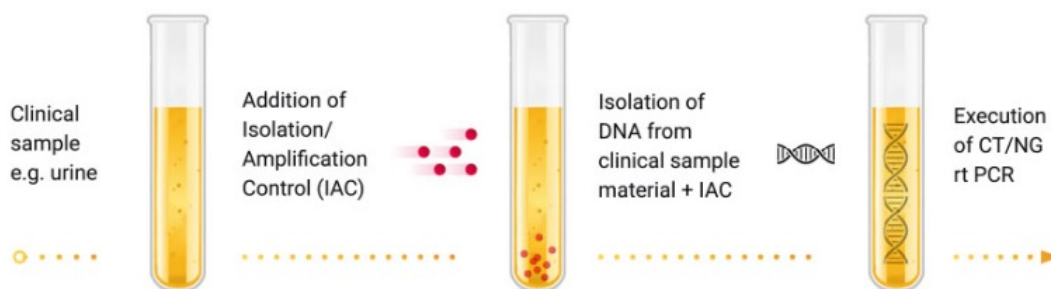
Combined Chlamydia Trachomatis & Neisseria Gonorrhoeae real time amplification DNA assays for automated applications.

The Presto 100 & 500 combined qualitative real time CT/NG PCR assays of Goffin Molecular Technologies have got the fastest, most innovative scientific and technically most reliable and robust detection method for sexually transmitted diseases in all human clinical sample materials. The test can be used with standard guanidine iso-thiocyanate based lysis reagents and magnetic beads capture devices for DNA isolation. PCR amplification can be carried out with any real time PCR apparatus able to detect the fluorophores: FAM, VIC, ROX & Cy5.

Our IVD-CE certified multiplex rapid combined real-time PCR assays detect all Chlamydia Trachomatis serovars and Neisseria Gonorrhoeae within 60 minutes and is highly sensitive.

With the unique IAC you have complete control during all isolation, amplification inhibition and PCR processes. Combining real time PCR with the addition of an Isolation Amplification Control, which monitors both inhibition

and nucleic acid extraction of clinical samples, generates the best of two worlds. The Presto 100 & 500 CT/NG provide this combination and guarantee a correct interpretation omitting false negative and producing true positive signals with high sensitivity and specificity. The real time format of the kit reduces the risk of contamination by amplicons. In addition, the Chlamydia Trachomatis Swedish variant strain and other serovars will be successfully detected.



Ultra accurate test result

PRODUCT**PRESTO 500**
PRESTO 100**APPLICATION***CT/NG all clinical samples*
*CT/NG all clinical samples***CONTENT***500 reactions*
*100 reactions***ORDER NO.***CG 160500*
CG 160100

Components of the Presto 500 CT/NG

Selectors

1 violet tube labelled "CT SELECTOR" and 1 yellow tube labelled "NG SELECTOR". The introduction of selectors introduces a new concept in real time detection of double infections. The kit provides a CT as well as a NG selector. These selectors are meant to select either CT or NG in a highly NG or CT positive clinical sample (IAC negative), preventing the risk of a false negative double infection. The use of selectors is advised in case of a positive signal with either CT or NG with Ct/p<21 (e.g. 14-21).

The function of the selector will restore the IAC signal so that even weak positive CT or NG signals can be detected in presence of high loads of NG or CT.

Master mix

5 tubes with a black colour code, labelled "MASTER MIX" containing 1600 µl ready to use PCR mix. This mixture contains 4 primers for amplification of the CT DNA, NG DNA and the Isolation Amplification Control DNA respectively. The master mix contains all ingredients for PCR amplification including Taq polymerase.

The 4 Controls of the Presto 500

Positive NG Control

4 tubes with a green colour code, labelled "Positive Control NG" containing 300 µl positive control. The positive control consists of NG DNA at 100 CFU/10 µl.

Positive CT Control

4 tubes with a blue colour code, labelled "Positive control CT" containing 300 µl positive control. The positive control consists of CT DNA at 4 IFU/10 µl.

Negative Control

2 tubes with a transparent colour code, labelled "Negative Control" containing 500 µl negative control.

Isolation Amplification Control

5 tubes with a red colour code, labelled "Isolation Amplification Control" containing 750 µl Isolation Amplification Control. The IAC consists of an inactivated E. coli, modified with a genomic DNA fragment containing primer binding sites identical to the C. Trachomatis and N. Gonorrhoea sequences but with a different intermediate probe sequence.

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Taking Technology Personally.



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