

## VIASURE *C. trachomatis* (LGV) Real Time PCR Detection Kit

- ▶▶ *Chlamydia trachomatis* (Ct) is a gram-negative obligate intracellular pathogen responsible for over 110 million global sexually transmitted disease (STD) cases annually, with sequelae including pelvic inflammatory disease (PID), ectopic pregnancy, and infertility. Ct is also responsible for outbreaks of lymphogranuloma venereum (LGV) and trachoma, a chronic ocular disease that can lead to blindness.
- ▶▶ LGV is caused by specific serovars of *Chlamydia trachomatis* (L1, L2 and L3) and these strains are associated with a more chronic and invasive infection than other serovars. Although LGV symptoms can vary according to site of entry and stage of infection, genital ulceration and inguinal lymphadenopathy are the classical presentations of this disease. The laboratory identification of LGV can be problematic, as routine culture of *C. trachomatis* for diagnostic purposes has largely been replaced with nucleic acid amplification techniques.
- ▶▶ **VIASURE *C. trachomatis* (LGV) Real Time PCR Detection Kit** is designed for the diagnosis of LGV-associated strains of *Chlamydia trachomatis* in rectal samples from patients with signs and symptoms of lymphogranuloma venereum (LGV). After DNA isolation, the identification of LGV-associated strains of *Chlamydia trachomatis* is performed by the amplification of a conserved region of the pmpH gene for LGV-associated *C. trachomatis* serovars, using specific primers and a fluorescent-labelled probe.



"Ready & Easy-to-use" kits.  
**Lyophilised product**



Transport and storage at **room temperature**.  
**Shelf-life: 24 months**



Validated according to **ISO 13485**  
and **CE marked**



## VIASURE *C. trachomatis* (LGV) Real Time PCR Detection Kit

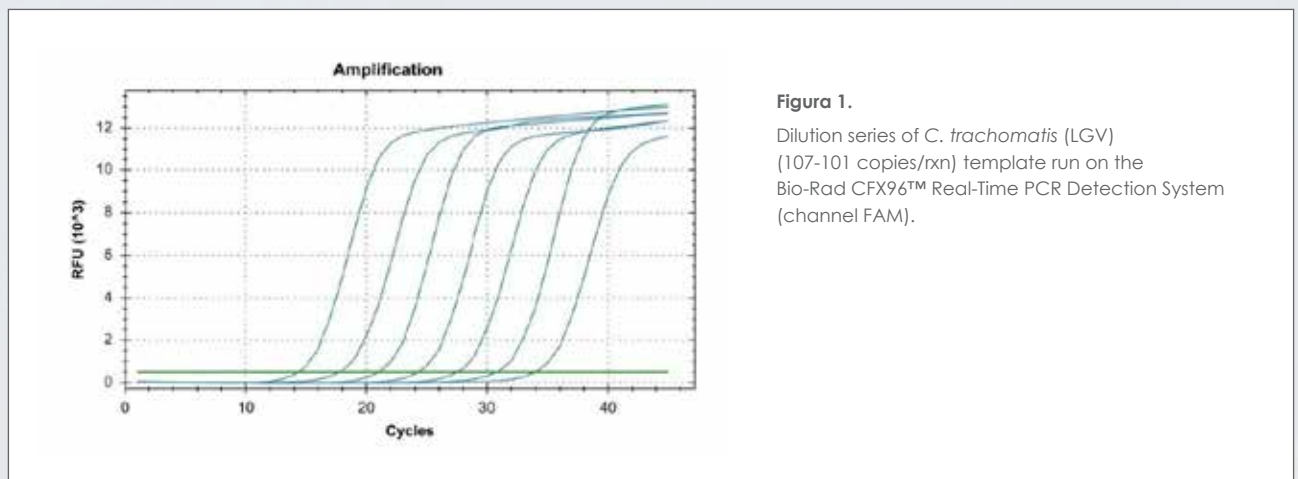
**VIASURE *C. trachomatis* (LGV) Real Time PCR Detection Kit** is designed for the specific identification and differentiation of DNA of LGV-associated strains of *Chlamydia trachomatis* in rectal samples from patients with signs and symptoms of lymphogranuloma venereum (LGV).

This test is intended for use as an aid in the diagnosis of *Chlamydia trachomatis* (LGV strains) in combination with clinical and epidemiological risk factors.

DNA is extracted from specimens, multiplied using Real Time amplification and detected using fluorescent reporter dye probes specific for *Chlamydia trachomatis* (LGV strains).

### Analytical sensitivity

▶ **VIASURE *C. trachomatis* (LGV) Real Time PCR Detection Kit** has a detection limit of  $\geq 10$  DNA copies per reaction for *C. trachomatis* (LGV).



### References - VIASURE *C. trachomatis* (LGV) Real Time PCR Detection Kit -

1 x 8-well strips, low profile \_\_\_\_\_ VS-LGV101L  
6 x 8-well strips, low profile \_\_\_\_\_ VS- LGV106L  
12 x 8-well strips, low profile \_\_\_\_\_ VS- LGV112L  
96-well plate, low profile \_\_\_\_\_ VS- LGV113L

1 x 8-well strips, high profile \_\_\_\_\_ VS- LGV101H  
6 x 8-well strips, high profile \_\_\_\_\_ VS- LGV106H  
12 x 8-well strips, high profile \_\_\_\_\_ VS- LGV112H  
96-well plate, high profile \_\_\_\_\_ VS- LGV113H

TUBE FORMAT:

4 tubes x 24 reactions \_\_\_\_\_ VS-LGV196T

**CerTest**  
BIOTEC

**CerTest Biotec, S.L.**

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For more information and use procedure,  
read the instructions for use included in this product.



VIASURE/LGV-0222EN