

VIASURE CMV q Real Time PCR Detection Kit

- ▶▶ Cytomegalovirus (CMV) infection is a major cause of morbidity and mortality in transplant recipients. Severe CMV infection in high-risk patients can be acquired after transplantation and, if not adequately treated, can lead to CMV disease, invasive tissue involvement, and **even possible graft rejection or loss.**
- ▶▶ It is possible to be transmitted **transplacentally to neonates**, or through **breast milk** of an infected and shedding mother (congenital CMV infection), as well as by **intimate contact** and by transplantation from (or **sharing syringes** with) an infected individual.

Infection in healthy people can cause mild illness that may include: fever, sore throat, fatigue or swollen glands. Occasionally, CMV can cause mononucleosis or hepatitis. People with weakened immune system who get CMV can have more serious symptoms affecting the eyes, lungs, liver, esophagus, stomach, and intestines. Congenital CMV infection is a leading infectious cause of deafness, learning disabilities, and intellectual disability in infants worldwide.

- ▶▶ The diagnosis of human cytomegalovirus infection is confirmed by demonstrating the presence of infectious virus, viral antigens, or viral DNA in clinical samples (including blood and other body fluids) from infected patients. Serologic tests, highlighting ELISA test, are commonly used for diagnosis of CMV infection for people older than 12 months, but **PCR-based assays are currently considered the standard diagnostic method to confirm and control CMV infection.**



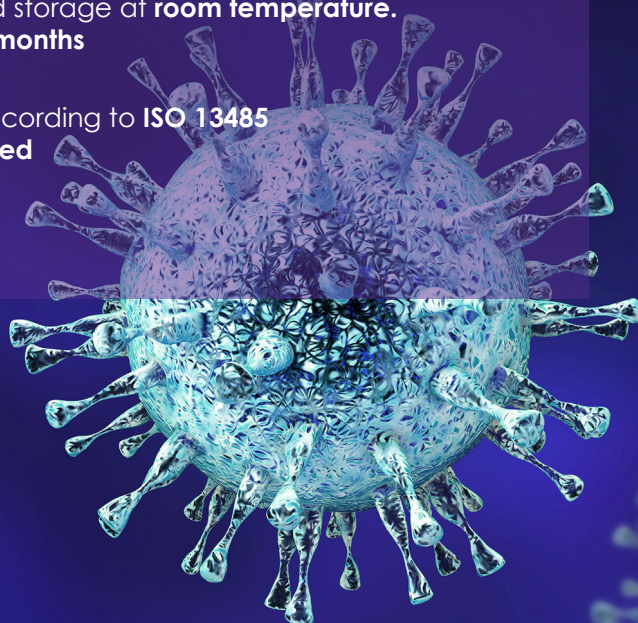
"Ready & Easy-to-use" kits.
Lyophilised product



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



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





VIASURE CMV q Real Time PCR Detection Kit

VIASURE CMV q Real Time PCR Detection Kit is a real-time PCR test designed for the detection and quantitative measurement of Cytomegalovirus (CMV) DNA in human EDTA-plasma samples. This test is intended for use as an aid in the universal screening of the CMV infection, in the diagnosis and management of CMV in solid organ transplant patients and in hematopoietic stem cell transplant patients.

This test can be used in these populations to assess the need to initiate antiviral treatment, and in patients receiving anti-CMV therapy, serial DNA measurements can be used to assess viral response to treatment.

The results from the VIASURE CMV q Real Time PCR Detection Kit must be interpreted within the context of all relevant clinical and laboratory findings. DNA is extracted from clinical specimens, amplified using real-time PCR, and detected using fluorescent reporter dye probes specific for CMV.

Linear range

▶ **VIASURE CMV q Real Time PCR Detection Kit** amplifications in all dilutions tested were obtained.

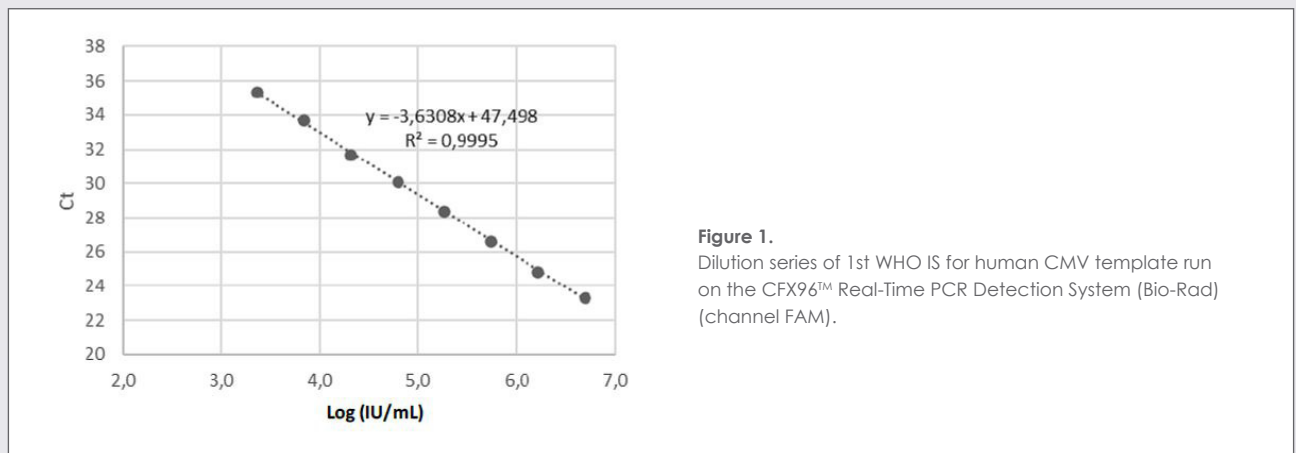


Figure 1.
Dilution series of 1st WHO IS for human CMV template run on the CFX96™ Real-Time PCR Detection System (Bio-Rad) (channel FAM).

References - VIASURE CMV q Real Time PCR Detection Kit -

6 x 8-well strips, low profile _____ VS-CMV106L
12 x 8-well strips, low profile _____ VS-CMV112L
96-well plate, low profile _____ VS-CMV113L
4 tubes x 24 reactions _____ VS-CMV196T

6 x 8-well strips, high profile _____ VS-CMV106H
12 x 8-well strips, high profile _____ VS-CMV112H
96-well plate, high profile _____ VS-CMV113H

CerTest
BIOTEC

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