

**PRODUCT INFORMATION**

**Herpes Simplex Virus type1 and 2** (HSV-1 & HSV-2) are among the most widespread viruses known to cause many acute and recurrent diseases in humans. HSV-1 is usually associated with infections of the lips, mouth and face. For instance, HSV-1 is transmitted by saliva and causes cold sores inside the mouth. HSV-2, in contrast, is transmitted sexually and causes genital ulcers or sores. HSV can infect the fetus through vaginal delivery and cause congenital abnormalities. In addition to epithelial infections, HSV also infects central nervous system causing encephalitis and meningitis. It has been estimated that at least 10-20% of viral encephalitis in the United States is caused by HSV. Effective antiviral drugs, such as acyclovir and valtrex, are available for therapeutic intervention. Rapid laboratory diagnosis is essential for timely treatment of CNS diseases caused by HSV. Standard PCR-based assay is one of the most widely used methods to detect HSV viral DNA in clinical specimens. Built upon real time PCR technology, TrimGen’s HSV Detection Kit is accurate, sensitive and easy to use. It detects low levels (< 10 copies) of HSV in human tissue samples and can be used for the evaluation of the efficacy of an antiviral therapy.

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**eQ-PCR** Herpes Simplex Virus detection kit provides a highly sensitive test for early detection and quantification of the HSV-1 & HSV-2 from blood or Cerebrospinal fluid (CSF). The test uses real-time PCR and is performed in a closed-tube walk-away system.

<b>Platform:</b>	eQ-PCR (enhanced real-time PCR)
<b>Assay Type:</b>	Detection and Quantification
<b>Sensitivity:</b>	10 - 20 copies / ml sample
<b>Sample Source:</b>	DNA (from Whole blood, CSF)

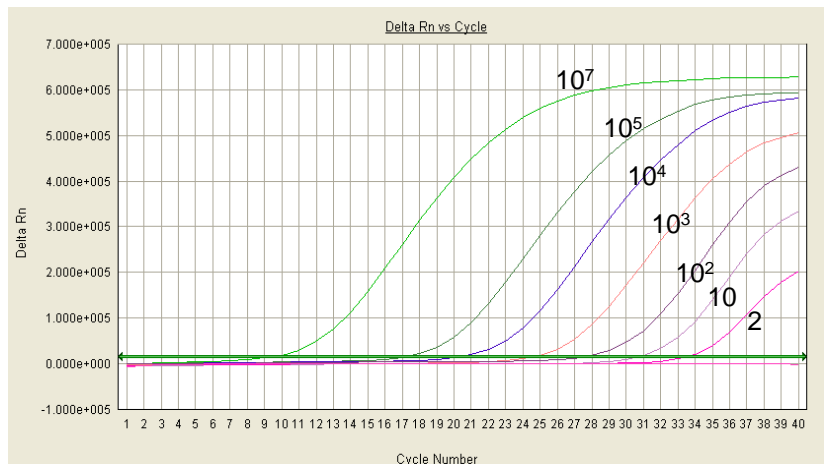
**Test Kit**

Kit size	24 tests	48 tests
Cat No.	EP-210s	EP-210

**Test Service**

Sample Requires	Whole blood, CSF, extracted DNA
TEST Code	EP-210TST

**Data**



Using eQ-PCR technology, TrimGen’s HSV kit may detect 2 – 10,000,000 copies of Herpes Simplex viruses.