TrimGen
GENETIC DIAGNOSTICS

PRODUCT INFORMATION

Herpes simplex virus (HSV) and **Enterovirus** (EnV) are common causes of human encephalitis and meningitis. Detection of HSV DNA and EnV RNA in cerebrospinal fluid (CSF) by molecular methods has been considered the gold standard for the laboratory diagnosis of central nervous system (CNS) diseases caused by these viruses. Rapid laboratory diagnosis is essential for timely treatment of CNS diseases caused by HSV or EnV. A rapid and duplex protocol that covers both HSV and EnV can significantly reduce unnecessary diagnostic tests, shorten hospitalization duration, and improve patient management. Standard reverse transcription PCR (RT-PCR)-based assay is one of the most widely used methods to detect HSV viral DNA and EnV viral RNA in clinical specimens. Built upon real-time PCR technology, TrimGen's eQ-PCR HSV-EnV Detection Kit adopts a real-time RT-PCR method to detect and differentiate HSV and EnV simultaneously in human tissue samples (less than 10 copies). TrimGen's HSV-EnV Detection Kit is accurate, sensitive and easy to use. It can also be used for evaluation of the efficacy of an antiviral therapy for HSV or EnV patients.

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eQ-PCR Herpes Simplex Virus and Enterovirus detection kit provides a highly sensitive duplex PCR for early detection and differentiation of the HSV (types1 & 2) and EnV from blood or Cerebrospinal fluid (CSF). The test uses one-step real-time RT-PCR and is performed in a closed-tube, walk-away system.

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

Test Kit

Kit size	24 tests	48 tests
Cat No.	EP-212s	EP-212

Test Service

Sample Requires	Whole blood, CSF, extracted DNA
TEST Code	EP-212TST

Data
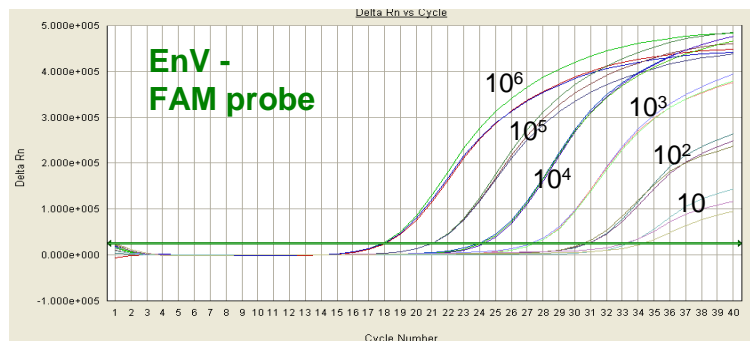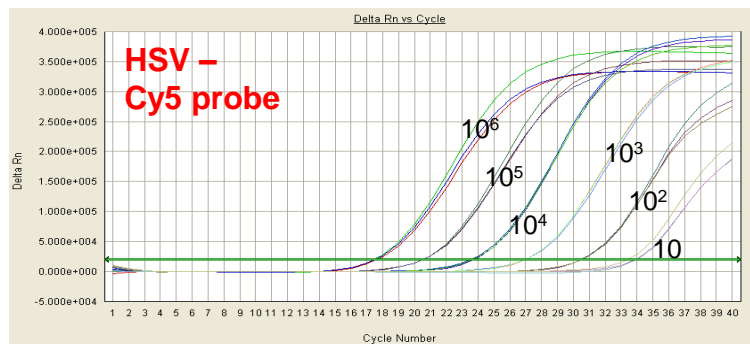
Using eQ- PCR technology, TrimGen's HSV& EnV kit detects 10 – 1,000,000 copies of HSV or EnV simultaneously.