

Enterovirus Detection Kit

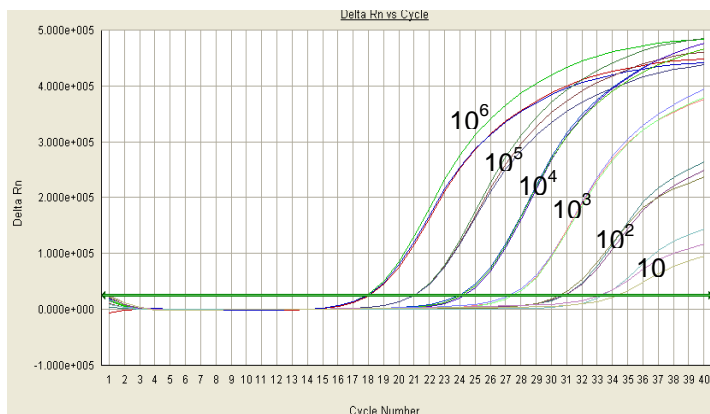
Enteroviruses (EnV) are the leading cause of aseptic meningitis in adult and pediatric populations. It has been estimated that 75,000 cases of aseptic meningitis may occur each year in the US alone and 80-90% of the disease is caused by enterovirus infection. Rapid detection of EnV infection is essential in the management of aseptic meningitis. Detection of EnV RNA in cerebrospinal fluid (CSF) by molecular methods is considered the gold standard for laboratory diagnosis of central nervous system (CNS) diseases.

TrimGen's eQ-PCR™ EnV Detection Kit adopts a real-time RT-PCR method to detect EnV in samples. The assay targets the highly conserved 5' nontranslated region of the viral genome and detects more than 70 serotypes (400 enterovirus strains), including Poliovirus, Coxsackie virus, Echovirus, Human Enterovirus, etc. The eQ-PCR™ technology increases the detection sensitivity and is able to detect levels as low as 10 copies of EnV in a 1 ml blood sample. The detection range is broad, spanning 10 to 10⁶ copies and can accurately identify EnV in clinical specimens.

eQ-PCR™ EnV kit is a highly sensitive test for the early detection of Enterovirus 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.

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| Assay Type: | Detection |
| Sensitivity: | 10 - 20 copies / ml sample |
| Sample Source: | RNA (from whole blood or CSF) |
| Platform | ABI 7500, 7900 Stratagene Mx3000P LightCycler SpartanDX |

eQ-PCR™ EnV kit is able to detect 10 – 1,000,000 copies of Enterovirus.



Product Information

| Name | Kit size | Cat No. |
|--------------|----------|----------|
| eQ-EnV-24sp* | 24 tests | EP-211sp |
| eQ-EnV-48 | 48 tests | EP-211 |

*For SpartanDX instrument



800.825.6005
www.trimgen.com