



EBV PCR Kit **CE**

- Excellent Sensitivity
- Quantitative Assay
- Easy-to-use Real-Time PCR Kit

The EBV PCR Kit constitutes a ready-to-use system for the detection of Epstein-Barr virus (EBV) DNA using real-time polymerase chain reaction (PCR) in the ABI PRISM® 7000 Sequence Detection System (Applied Biosystems). The kit contains all reagents and enzymes for the specific amplification of a 97 bp region of the EBV genome. The amplicon is detected by measuring the FAM fluorescence in the ABI PRISM® SDS. In addition, the EBV PCR Kit contains a second heterologous amplification system to identify possible PCR inhibition. This is detected as an Internal Control (IC) by measuring VIC fluorescence. External positive controls are supplied which allow the determination of the pathogen load.

Sensitivity	5.3 copies/μl
Specificity	100%
Genotype detection	Subtypes A and B
Specimen	Serum, plasma, CSF, blood cells
Time to result	~ 3 h
Internal control	Allows to control sample extraction and PCR efficiency
Reporting format	Results reported in copies/μl
Easy-to-use kit	Low hands-on-time
Licensed and validated	CE marked

CE label

The EBV PCR Kit is CE marked according to the European IVD Directive 98/79/EC.

Excellent sensitivity

EBV PCR Kit has been optimized to detect very low viral load down to 5.3 copies/μl.

Specificity

The specificity of the EBV PCR Kit is first and foremost ensured by the selection of the primers and probes, as well as the selection of stringent reaction conditions. The detectability of all relevant strains has thus been ensured, as well as the exclusion of cross-reactivity with other species.

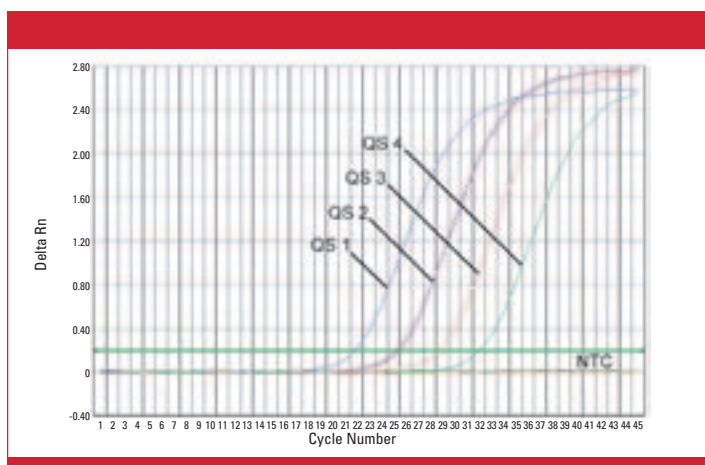


Internal Control

The Internal Control allows the user both to control the nucleic acid isolation efficiency and to check for possible PCR inhibition. Optionally it can be used exclusively to check for possible PCR inhibition.

Quantitative Results

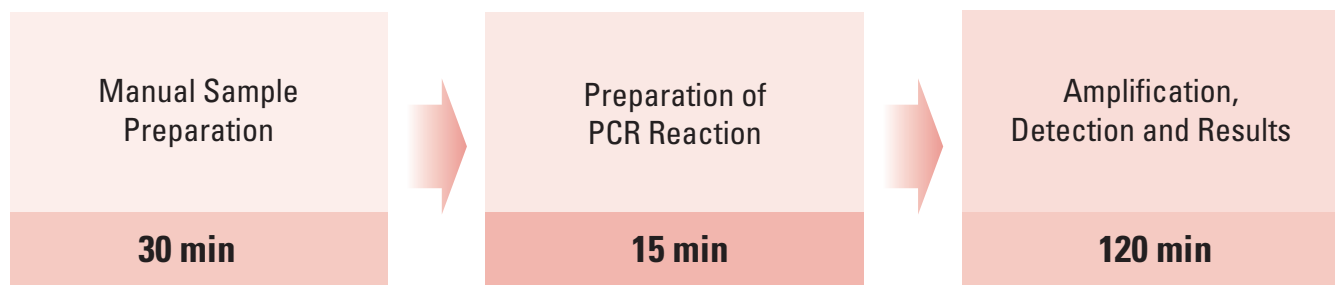
External Quantitation Standards of different concentrations (QS 1 – 4) are supplied for precise quantitation of the pathogen load.



Flexible Throughput

The instrument allows the handling of one sample up to 96 samples in one single run.

Easy-to-use Real-Time PCR Kit



Ordering Information

Product Name	Description	List Number
EBV PCR Kit	48 tests	8K5302