

# Smart EBV™

Monitoring of Epstein-Barr Virus Infection



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The Smart EBV kit contains a FAM labelled-Scorpion® primer and a paired non-labelled primer, specific for a portion of EBV DNA. A thermo-stable DNA-polymerase is used in a PCR reaction. Where amplification occurs, a quantitative result is obtained by comparison with a standard curve.

An internal control is simultaneously amplified to ensure that the sample is free of PCR inhibitors.

The SmartCycler® II Dx software performs the analysis and interpretation of results.

## Consistency

Manufactured under cGMP for maximum product reliability.

## Quality Control

Contains an internal control to check for sample inhibition.

## Rapidity

Optimised to the Cepheid SmartCycler® II with fast thermo-cycling for results in less than one hour.

## Convenience

The kit contains primer/probe, master mix, controls and all standards necessary to perform the test.

## Licensed

Smart EBV™ carries all necessary licenses.



## Product Specifications

Intended use	Monitoring of Epstein-Barr virus (EBV) DNA in clinical samples	Limit of Detection	381 copies/ml (286-615 copies/ml 95% CI)
Kit size	32 assays	Quantitative Range	1000-2x10 <sup>7</sup> copies/ml
Run size	8-32 assays (5-29 clinical samples plus 3 standards and controls)	Dynamic Range	1000-2x10 <sup>7</sup> copies/ml
Presentation	All reagents in ready-to-use format	Subtype Inclusivity	Equal sensitivity, specificity and amplification efficiency for EBV subtypes A and B
Sample	Plasma (ACD, EDTA): 200 µl sample required	Exclusivity and Microorganism Interference	No cross-reactivity with HHV-6, HHV-7, HHV-8, VZV, HSV-1, HSV-2, HPV6b, Adenovirus type 2, CMV, HBV, <i>Candida Albicans</i> and <i>Aspergillus Niger</i> .

## Ordering information

Smart EBV™ .....	Product Reference XSQEBV-100N-032
Extraction Kit.....	Product Reference 000-0143

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