

Smart VZV™

Monitoring of Varicella Zoster Virus Infection



Smart VZV™

The Smart VZV™ kit contains a FAM labelled-Scorpion® primer and a paired non-labelled primer, specific for a portion of VZV DNA. A thermo-stable DNA-polymerase is used in a PCR reaction. A differently labelled 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 and all controls necessary to perform the test.

Licensed

Smart VZV™ carries all necessary licenses.



Product Specifications

Intended use	Monitoring of Varicella Zoster Virus (VZV) DNA in clinical samples
Kit size	32 assays
Run size	8-32 assays (6-30 clinical samples and 2 controls)
Presentation	All reagents in ready-to-use format
Sample	Vesicle swab in saline and CSF samples
Limit of Detection	< 442 VZV copies/ml
Subtype Inclusivity	VZV 9/84 strain, Ellen strain

Exclusivity and Microorganism Interference

No cross-reactivity with CMV, EBV, Adeno, HSV-1, HSV-2, HHV-61A and B, HHV-7, HHV-8, HPV-16 and other DNA and RNA viruses, human DNA, bacterial or fungal DNA verified by *in-vitro* and/or *in-silico*.

Ordering information

Smart VZV™	Product Reference XSQVZV-100N-032
Extraction Kit.....	Product Reference 000-0143

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