

# gb MICRO Herpes simplex virus 1

## Clinical implications

*Herpes simplex virus 1* (HSV1) is an enveloped DNA-virus of *Herpesviridae* family belonging to the *Simplexvirus* genus. For these viruses a short replication time and the ability to trigger latent infections of cells is typical. Mainly children are affected by the primary infection triggered by the HSV1 virus and it is usually inapparent. The most common demonstration of the infection in children is gingivostomatitis, less often then keratoconjunctivitis and meningoencephalitis. In adults,

infections such as pharyngitis or rarely necrotizing encephalitis of the temporal lobe may occur.

## Principle of detection

The kit is intended for detection and DNA quantification of *Herpes simplex virus 1* (HSV1) by **real-time PCR method**.

## Available products

Cat. No.	Product	rxn
3223-025	gb MICRO Herpes simplex virus 1	25
3223-050	gb MICRO Herpes simplex virus 1	50

1 kit contains reagents to provide 25 or 50 PCR reactions (25 µl volume of each reaction).

## Parameters of the diagnostic kit

- *in vitro* diagnostics
- CE IVD marked
- ready-to-use assays
- LOD 0.31 copies/µl
- internal positive control, standards and negative control included
- FAM channel detection
- internal positive control in HEX channel

## Content of the diagnostic kit

* Component	Conc.	Purpose
Assay qPCR HSV1	1.67×	Specific assay
Deionized Water		Negative Control
Standard 6 HSV1	10 <sup>6</sup> cop/µl	Positive Control

\* Lid colour



## Validated for cyclers

- Rotor-Gene 3000/6000/Q (Corbett Research, Qiagen)
- iCycler iQ5/CFX96/CFX96 Touch (Bio-Rad)
- ABI 7500/7500 Fast/7900HT (Applied Biosystems)
- AriaMx (Agilent Technologies)

