

STATONAT®

LAB

HSV-1

Lyophilized Real-Time PCR mix for the detection and quantification of HSV-1

HSV-2

Lyophilized Real-Time PCR mix for the detection and quantification of HSV-2



SENTINEL
DIAGNOSTICS

Herpes simplex virus 1 and 2 (HSV-1 and HSV-2), are two members of the human *Herpesviridae* family. Both HSV-1 and HSV-2 are very common and contagious in humans. About 67% of the world population under the age of 50 has HSV-1. HSV-2 is one of the most common sexually transmitted infections and more than one-in-six people have it. Symptoms are watery blisters in the skin or mucous membranes of the mouth, lips, nose, or genitals. HSV-1 and HSV-2 persist in the body by hiding from the immune system in the cell bodies of neurons causing sporadic episodes of viral reactivation.

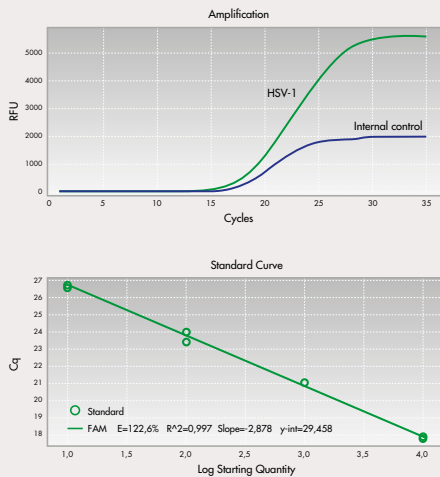
STAT-NAT® HSV-1 kit and STAT-NAT® HSV-2 kit proved their effectiveness for the detection and quantitation of HSV-1 and HSV-2 DNA, respectively, in human samples. The high-sensitivity and specificity, linearity and quantitation performances of these assays, associated with the ready-to-use and room temperature storage, would have a direct impact on the early and correct management of the affected patients.



Patent No. WO2010133628 A1

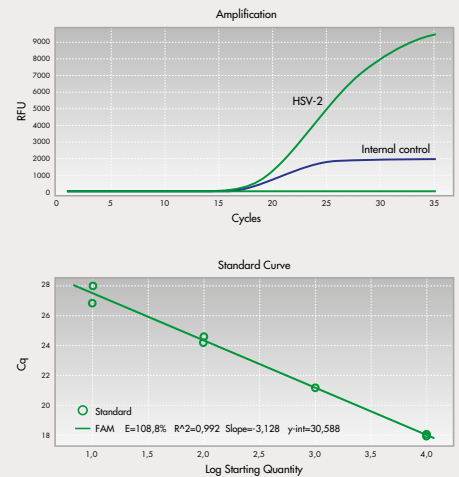
HSV-1

Lyophilized Real-Time PCR mix for the detection and quantification of HSV-1.



HSV-2

Lyophilized Real-Time PCR mix for the detection and quantification of HSV-2.



STAT-NAT® HSV-1

Specificity	≥95%
Analytical sensitivity (LoD)	10 cps/reaction

STAT-NAT® HSV-2

Specificity	≥95%
Analytical sensitivity (LoD)	10 cps/reaction

Ref.	Description	Kit size	Validated on
1N016	STAT-NAT® HSV-1 Lyophilized Real-Time PCR mix for the detection and quantification of HSV-1	48	<ul style="list-style-type: none"> CFX96 (Bio-Rad) QS5 (ABI)
1N017	STAT-NAT® HSV-2 Lyophilized Real-Time PCR mix for the detection and quantification of HSV-2	48	<ul style="list-style-type: none"> CFX96 (Bio-Rad) QS5 (ABI)



Room temperature storage

STAT-NAT® is freeze-dried and guarantees long term storage at room temperature.



Easy

STAT-NAT® contains all the reaction components. The enzyme (Hot Start Polymerase) is already included.



Universal

STAT-NAT® technology yields very good performances in all the most diffused molecular biology techniques.



Performance improvement

STAT-NAT® is a ready-to-use product that minimizes analytical variables.



Flexible

STAT-NAT® can improve test sensitivity even with low concentrated DNA samples.



Environmentally sustainable

STAT-NAT® needs neither cumbersome packaging nor temperature controlled shipment.

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