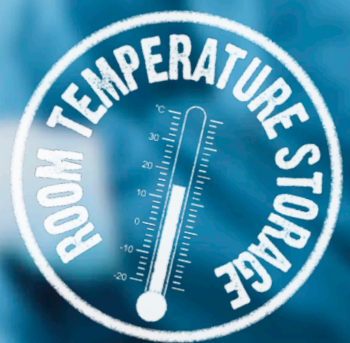


STATONAT®

LAB

HHV-6

Lyophilized Real-Time PCR mix for the detection and quantification of HHV-6



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HHV-6



Patent No. W02010133628 A1

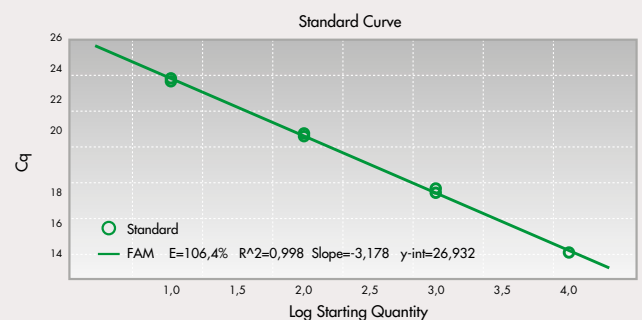
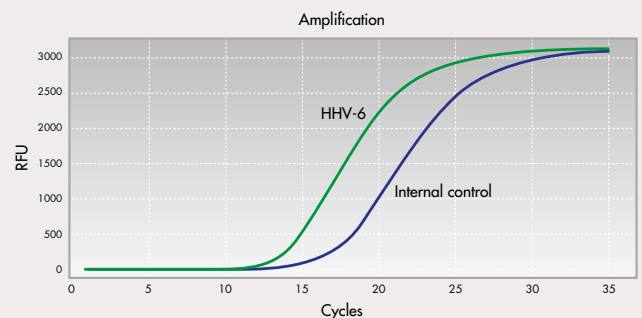
Lyophilized Real-Time PCR mix for the detection and quantification of HHV-6

Human Herpesvirus 6 (HHV-6) is a member of the *Betaherpesvirinae* subfamily of human herpes viruses. There are two subtypes of HHV-6, type A and type B. HHV-6B infects nearly 100% of human beings, typically before the age of three. HHV-6A can promote the progression of HIV disease toward AIDS, as both clinical and experimental evidence suggest. Like other herpesviruses, HHV-6 establishes life-long latency and can become reactivated later in life. Reactivation occurs mostly in transplant patients taking immunosuppressant drugs or individuals with immune deficiencies and it can involve brain, lungs, heart, kidney and gastrointestinal tract. HHV-6 reactivation/re-infection seems to occur before the time when other opportunistic infections usually appear. Both HHV-6 viruses are highly cell associated and can be detected in plasma briefly during the initial infection or acute reactivation. Detection of HHV-6 DNA in plasma generally means the patient has an active infection.

STAT-NAT[®] HHV-6 kit is a quick and effective new diagnostic kit for rapid detection and quantification of HHV-6 in human samples. Its characteristics of room temperature storage and ready-to-use assay, together with a high sensitivity and specificity, make this kit a rapid and easy tool to monitor HHV-6 infections in human patients.

Benefits of the kit:

- **Accurate quantification of both HHV-6A and HHV-6B load**
- **Assessment and monitoring of transplant patients**
- **Compatible with several human sample types**
- **Ready to use kit that includes internal Control and Calibrators**



STAT-NAT [®] HHV-6	
Specificity	≥95%
Analytical sensitivity (LoD)	5 cps/reaction

Ref.	Description	Kit size	Validated on
1N015	STAT-NAT [®] HHV-6 Lyophilized Real-Time PCR mix for the detection and quantification of HHV-6	48 tests	<ul style="list-style-type: none"> • CFX96 (Bio-Rad) • QS5 (ABI)

<p>Room temperature storage STAT-NAT[®] is freeze-dried and guarantees long term storage at room temperature.</p>	<p>Easy STAT-NAT[®] contains all the reaction components. The enzyme (Hot Start Polymerase) is already included.</p>	<p>Universal STAT-NAT[®] technology yields very good performances in all the most diffused molecular biology techniques.</p>
<p>Performance improvement STAT-NAT[®] is a ready-to-use product that minimizes analytical variables.</p>	<p>Flexible STAT-NAT[®] can improve test sensitivity even with low concentrated DNA samples.</p>	<p>Environmentally sustainable STAT-NAT[®] needs neither cumbersome packaging nor temperature controlled shipment.</p>

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