

**STATONAT**<sup>®</sup>

LAB

# Epstein-Barr Virus

**Lyophilized Real-Time  
PCR mix for the detection  
and quantification of EBV**



**SENTINEL**  
DIAGNOSTICS

# Epstein-Barr Virus



Patent No. W02010133628 A1

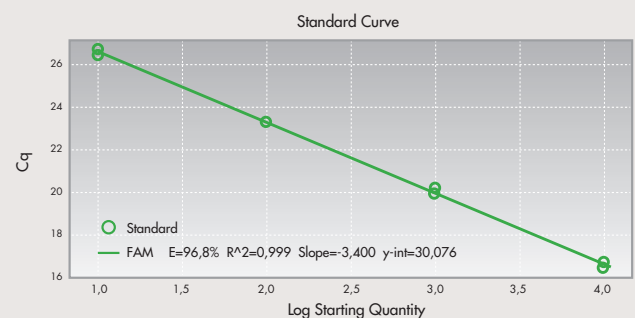
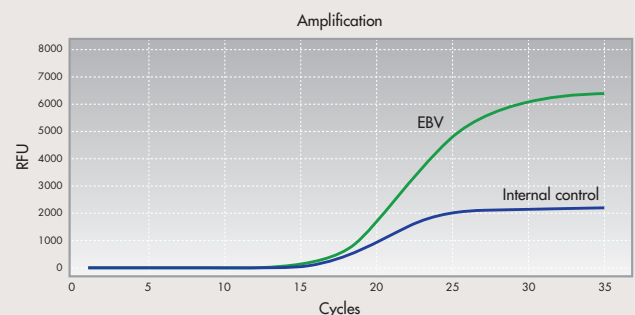
## Lyophilized Real-Time PCR mix for the detection and quantification of EBV

Epstein-Barr virus (EBV) is one of the most common viruses in humans. The virus lives in a person's salivary glands and can be spread through saliva, such as by kissing or sharing drinking glasses or eating utensils. About half of all five-year-old children and almost 90% of adults have evidence of previous EBV contagion. EBV infection is best known as the cause of infectious mononucleosis, but it is also associated with particular forms of cancer, a higher risk of certain autoimmune diseases and transplants complications.

STAT-NAT® EBV kit proved its effectiveness for the detection and quantification of EBV DNA in samples. The high-sensitivity and specificity, linearity and quantitation performances of STAT-NAT® EBV kit, associated with the ready-to-use and room temperature storage, are key features for the early and correct management of the affected patients.

### Benefits of the kit:

- **Detection and Quantification of Epstein-Barr Virus (EBV) specific DNA**
- **Ready to use kit including internal Control and Quantification Standards**
- **Large range of samples: whole blood, serum, plasma, CSF, saliva**
- **Optimal performances: high sensitivity and specificity**



Standard Curve (10<sup>4</sup>, 10<sup>3</sup>, 10<sup>2</sup> and 10 EBV copies/reaction)

STAT-NAT® EBV quant	
Specificity	≥95%
Analytical sensitivity (LoD)	10 cps/reaction

Ref.	Description	Kit size	Validated on
1N011	STAT-NAT® EBV lyophilized Real-Time PCR mix for the detection and quantification of EBV	48 tests	<ul style="list-style-type: none"> <li>• CFX96 (Bio-Rad)</li> <li>• QS5 (ABI)</li> </ul>

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

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