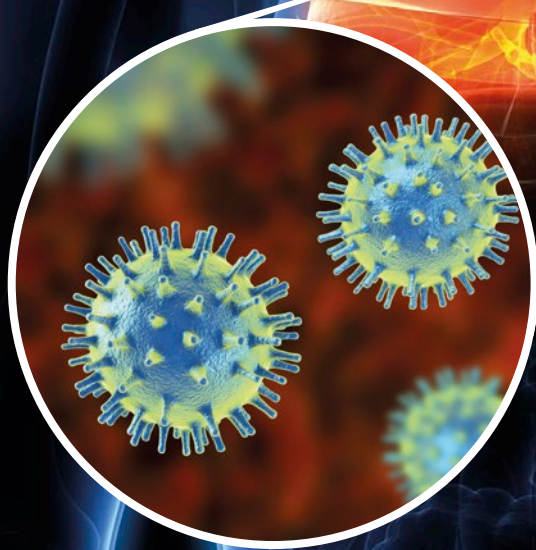


**STATONAT**<sup>®</sup>

LAB

# Adenovirus

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



**SENTINEL**  
DIAGNOSTICS

# Adenovirus



Patent No. WO2010133628 A1

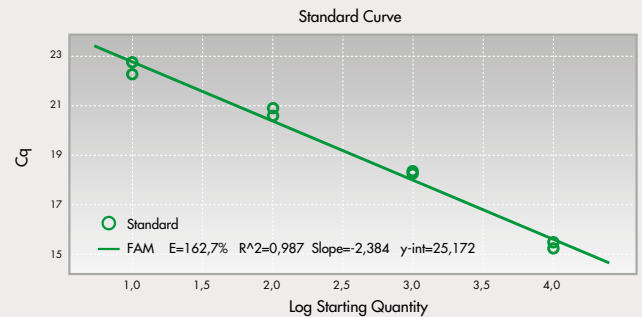
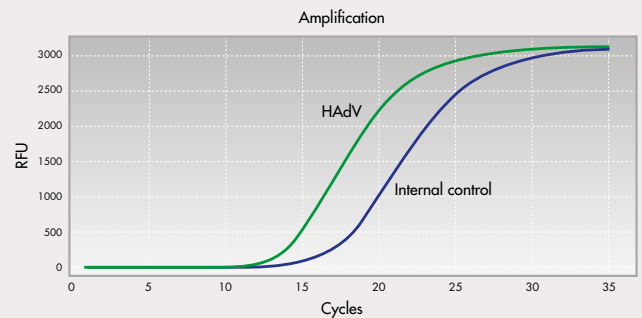
## Lyophilized Real-Time PCR mix for the detection and quantification of Adenovirus

Human adenoviruses (HAdVs) are ubiquitous double-stranded DNA viruses that cause a wide array of diseases in humans, including pharyngitis, pneumonia, gastroenteritis, hemorrhagic cystitis and conjunctivitis. HAdVs play an important role in the etiology of severe acute lower respiratory infection in young children. Adenoviruses are grouped into 7 groups (A–G) and can be further differentiated into more than 52 genotypes. Most HAdVs grow in cell culture and can be detected in a variety of specimen types including nasopharyngeal, throat and conjunctival swabs, urine, cerebrospinal fluid (CSF) and stool. Direct antigen detection from clinical specimens can be used for diagnosis of acute infections but provides markedly low sensitivity compared to culture; less commonly, serology can be used. Real-time PCR offers a rapid and sensitive alternative to culture, antigen detection and serology.

STAT-NAT® Adenovirus kit is a quick and effective new diagnostic kit for rapid detection and quantification of HAdV in several types of 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 diagnose and monitor HAdV infections in human patients.

### Benefits of the kit:

- **Reliable measurement of Adenovirus infection**
- **Compatible with several human sample types**
- **Ready to use kit that includes internal Control and Calibrators**
- **Useful for monitoring the level of infection**



STAT-NAT® Adenovirus	
Specificity	≥95%
Analytical sensitivity (LoD)	20 cps/reaction

Ref.	Description	Kit size	Validated on
1N014	STAT-NAT® Adenovirus Lyophilized Real-Time PCR mix for the detection and quantification of Adenovirus	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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