

STATONAT®

LAB
CMV

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



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DIAGNOSTICS



Patent No. W02010133628 A1

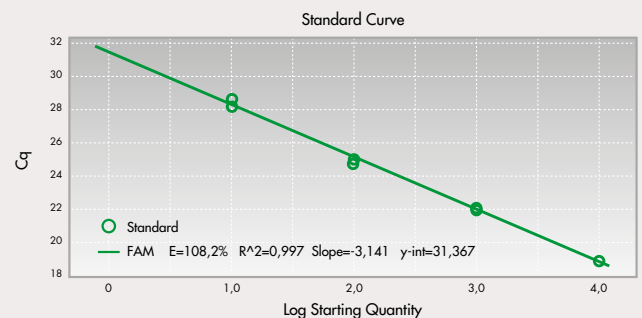
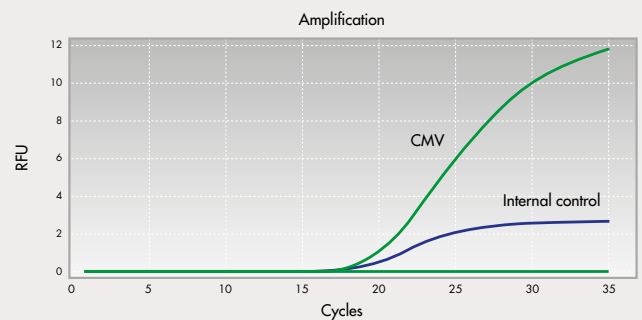
Lyophilized Real-Time PCR mix for the detection and quantification of CMV

Human Cytomegalovirus (CMV) is a ubiquitous human-specific DNA virus, belonging to the Herpesviridae family. CMV infection is usually asymptomatic and is common even in the general immune-competent population, with an infection rate of 50–80%. In immunocompromised patients that undergo transplantation the CMV infection rate is even higher, being an important cause of morbidity and mortality. Congenital CMV infection is the most common congenital infection worldwide and is the leading non-genetic cause of sensorineural hearing loss in children.

STAT-NAT® CMV kit, a quick and effective new diagnostic assay, proved its effectiveness for the quantitative detection of CMV DNA in clinical samples. Its high-sensitivity and specificity, associated with the ready-to-use feature and room temperature storage, would easily improve the early and correct management of CMV-affected patients.

Benefits of the kit:

- **Reliable measurement of Human Cytomegalovirus DNA load**
- **Ready to use kit that includes internal Control and Calibrators**
- **Useful for monitoring the level of infection after organ transplantation**



Ref.	Description	Kit size	Validated on
1N013	STAT-NAT® CMV Lyophilized Real-Time PCR mix for the detection and quantification of CMV	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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