



Rubella

SKU: QM5072

Product Categories: [Fabricante](#), [Humana](#), [Kit para Transmisión de Patógenos en Vía Respiratoria](#), [PCR](#), [Vivantis](#)

Product Page: <http://vacunek.com/shop/manufacturer/vivantis/rubella/>

Product Summary

Description

The ViPrimePLUS Rubella Virus RT-qPCR Kit is a Taqman probe-based real-time PCR assay for the detection of Rubella Virus genome in clinical samples (e.g. nasopharyngeal swab, synovial fluid, cerebrospinal fluid and urine).

(RUO)

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Product Description

Description

The ViPrimePLUS Rubella Virus RT-qPCR Kit is a Taqman probe-based real-time PCR assay for the detection of Rubella Virus genome in clinical samples (e.g. nasopharyngeal swab, synovial fluid, cerebrospinal fluid and urine).

Rubella virus is a single stranded RNA virus with 10kb size genome. It is transmitted via the respiratory route. The infection targets the lymph nodes and epithelial cells of the nasopharynx which causes acute disease with swollen gland, fever and rashes. These symptoms are usually mild and last only a few days. The most worrisome complication is the Congenital Rubella Symptom, which is passed down by infected mothers to fetuses. It causes severe birth defects in newborns

that vary from ophthalmic, auditory, cardiac and even cerebral damage. The effects are more severe when mothers are infected in the first trimester of the pregnancy. As a preventive measure, the MMR (measles, mumps and rubella) vaccination programs in infants are practiced in most developed and developing countries. ViPrimePLUS Rubella Virus RT-qPCR Kit is intended for research use only.

Kit Component - Rubella Primers and Probe Mix (Rubella PPM) - Positive Control - Internal Extraction Control Primers and Probe Mix (IEC PPM) - Internal Extraction Control (IEC DNA) - Nuclease Free Water - Template Preparation Buffer **Product Specification**

Technology

Taqman probe-based real-time PCR assay

Type of Nucleic Acid Kit

RNA

Kit Storage

Shipped in room temperature, store at -20°C on arrival

Sample Material

Clinical samples (e.g. nasopharyngeal swab, synovial fluid, cerebrospinal fluid, urine)

Gene Target

Non-structural protein 4 encoding gene

Detection Limit

10 to <100 copies per reaction

Sensitivity & Specificity

Ct value 28 ± 3 with probability of 95%

Controls Included

- Internal Extraction Control (IEC) as inhibition control
- Positive control

Channels

- FAM channels detect pathogen amplicons
- VIC/HEX channel detects IEC amplicons

Solicitar Manual

Product Attributes

- Reacciones: 150 rxns