



## Haemophilus ducreyi DNA

**SKU:** QM2029

**Product Categories:** [Fabricante](#), [Humana](#), [Kit para Enfermedades de Transmisión Sexual](#), [PCR](#), [Vivantis](#)

**Product Page:**

<http://vacunek.com/shop/manufacture/vivantis/haemophilus-ducreyi-dna/>

### Product Summary

#### Description

The ViPrimePLUS Haemophilus ducreyi qPCR Kit is a Taqman probe-based real-time PCR assay for the detection of Haemophilus ducreyi genomes in clinical samples (e.g. ulcer and genital swabs).

(RUO)

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### Product Description

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The ViPrimePLUS Haemophilus ducreyi qPCR Kit is a Taqman probe-based real-time PCR assay for the detection of Haemophilus ducreyi genomes in clinical samples (e.g. ulcer and genital swabs).

Haemophilus ducreyi is a fastidious, Gram negative coccobacillus, which is another common cause of Chancroid, a painful genital ulcer disease, aside from T. pallidum, C. trachomatis and herpes simplex viruses. This sexually transmitted pathogen causes opportunistic infection by breaking the skin epithelial layer and then invading the epidermis, thus resulting in inflammation at the infected site. It

eventually leads to ulceration. The ulcers and enlarged inguinal lymph nodes are painful and easily ruptured. Exposures to open sores are highly infectious. The infection is endemic in many developing countries with lower socioeconomic status and is somehow linked to elevated risk of HIV infections. Generally, Chancroid affects males predominantly. Treatment is via antibiotic administration, though some resistant strains have emerged.

ViPrimePLUS Haemophilus ducreyi qPCR Kit is intended for research use only.

### **Kit Component**

H. ducreyi Primers and Probe Mix (H. ducreyi 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

DNA

Kit Storage

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

Sample Material

Clinical samples (e.g. ulcer, genital swabs)

Gene Target

Exodeoxyribonuclease V, gamma subunit

Detection Limit

10 to <100 copies per reaction

## Sensitivity & Specificity

Ct value  $28 \pm 3$  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