

HSVd TaqMan Probe/Primer and Control Set - 100 Reactions

Product # TM38910

| Component | Product # TM38910 (100 Reactions) |
|-------------------------|-----------------------------------|
| HSVd Primer & Probe Mix | 1 x 280 µL |
| HSVd Positive Control | 1 x 150 µL |
| Nuclease-Free Water | 1 x 1.25 mL |

Applications

TaqMan Probe/Primer and Control Set for HSVd detection using real-time PCR based on the use of TaqMan® technology.

Storage Conditions and Product Stability

Store all the components at -20°C upon arrival. All kit components can be stored for 1 year after the date of production without showing any reduction in performance.

Precautions and Disclaimers

This product is designed for research purposes only. It is not intended for human or diagnostic use.

Customer-Supplied Reagents and Equipment

- Real-Time PCR Instrument with multiple filter channel (FAM channel minimum)
- 2x RT-PCR Master Mix
- **Optional** – Norgen's TaqMan 2X RT-PCR Master Mix can be used for PCR validation purposes (Please see related products table below)

Procedures

Recommended Reaction Conditions:

- HSVd Primer Mix (2 µL per 20 µL one step RT-PCR reaction)
- HSVd Positive Control (2-8 µL per 20 µL one step RT-PCR reaction)

Description

The positive control is a cloned partial HSVd RNA.

Recommended TaqMan One Step RT-PCR Assay

| One Step RT-PCR Cycle | Step | Temperature | Duration |
|-----------------------|--------|-------------|----------|
| <i>Cycle 1</i> | Step 1 | 50°C | 30 min |
| <i>Cycle 2</i> | Step 1 | 95°C | 3 min |
| <i>Cycle 3 (40x)</i> | Step 1 | 95°C | 15 sec |
| | Step 2 | 60°C | 30 sec |

Interpretation of Assay Results

| * FAM (Target detection) | ** HEX/VIC (PCR validation-optional) | Result |
|--------------------------|--------------------------------------|----------------------|
| + | + | Positive |
| - | + | Negative |
| - | - | PCR inhibited |

* FAM channel for target detection with a regular 2x RT-PCR Master Mix

** **Optional** - HEX or VIC channel is only required when Norgen's TaqMan 2X RT-PCR Master Mix

(Cat.28341) is used for PCR validation purpose.

| Related Products | Product # |
|--|---------------------|
| HSVd TaqMan TaqMan RT-PCR Kit | TM38950 |
| Plant/Fungi Total RNA Purification Kit | 25800, 31350, 25850 |
| TaqMan 2X RT-PCR Master Mix | 28341 |

Technical Support

Contact our Technical Support Team between the hours of 8:30 and 5:30 (Eastern Standard Time) at (905) 227-8848 or Toll Free at 1-866-667-4362. Technical support can also be obtained from our website or through email at techsupport@norgenbiotek.com.