

HIV TaqMan Probe/Primer and Control Set - 100 Reactions

Product # TM33710

Component	Product # TM33710 (100 Reactions)
HIV Primer & Probe Mix	1 x 280 µL
HIV Positive Control	1 x 150 µL
Nuclease-Free Water	1 x 1.25 mL

Applications

TaqMan Probe/Primer and Control Set for HIV 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

- Appropriate Real-Time PCR Instrument with FAM filter channel
- 2x RT-PCR Master Mix (**Optional** – Norgen’s TaqMan 2X RT-PCR Master Mix can be used for PCR validation purposes)

Procedures

Recommended Reaction Conditions:

- HIV Primer Mix (2 µL per 20 µL PCR reaction)
- HIV Positive Control (2-8 µL per 20 µL PCR reaction)

Description

The positive control is a cloned partial HIV IVT.

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

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.