

RSV-A TaqMan Probe/Primer and Control Set - 100 Reactions

Product # TM34210

Component	Product # TM34210 (100 Reactions)
RSV-A Primer & Probe Mix	1 x 280 µL
RSV-A Positive Control	1 x 150 µL
Nuclease-Free Water	1 x 1.25 mL

Applications

TaqMan Probe/Primer and Control Set for RSV-A 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 and HEX filter channel.

Procedures

Recommended Reaction Conditions:

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

Description

The positive control is a synthetic oligonucleotide containing a partial RSV-A gene fragment.

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 (PCR validation)	Result
+	+	Positive
-	+	Negative
-	-	PCR inhibited

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

** **Optional** - HEX channel is only required when Norgen's TaqMan 2X RT-PCR Master Mix (Cat.#28341) is used for PCR validation purpose.

Related Products	Product #
RSV-A TaqMan RT-PCR Kit	TM34250
TaqMan 2X RT-PCR Master Mix	28341

Technical Support

Contact our Technical Support Team between the hours of 9:00 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.