

Candidatus Liberibacter solanacearum TaqMan Probe/Primer and Control Set – 100 Reactions Product # TM66210

Component	Product # TM66210 (100 Reactions)
Candidatus Liberibacter solanacearum Primer & Probe Mix	1 x 280 µL
Candidatus Liberibacter solanacearum Positive Control	1 x 150 µL
Nuclease-Free Water	1 x 1.25 mL

Applications

TaqMan Probe/Primer and Control Set for Candidatus Liberibacter solanacearum 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 2 years 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:

- Candidatus Liberibacter solanacearum Primer Mix (2 µL per 20 µL PCR reaction)
- Candidatus Liberibacter solanacearum Positive Control (2-8 µL per 20 µL PCR reaction)
- **Optional** – Norgen’s TaqMan 2X PCR Master Mix can be used for PCR validation purposes (Please see related products table below)

Description

The positive control is a cloned partial Candidatus Liberibacter solanacearum DNA clone.

Recommended TaqMan PCR Assay

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

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

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

** **Optional** - HEX or VIC channel is only required when Norgen’s TaqMan 2X PCR Master Mix (Cat.#28340) is used for PCR validation purpose.

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.