

## Mycoplasma genitalium TaqMan Primer/Probe and Control Set - 100 Reactions

Product # TM62110

Component	Product # TM62110 (100 Reactions)
Mycoplasma genitalium Primer & Probe	1 x 280 µL
Mycoplasma genitalium Positive Control	1 x 150 µL
Nuclease-Free Water	1 x 1.25 mL

### Applications

TaqMan Probe/Primer and Control Set for Mycoplasma genitalium 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:

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

### Description

The positive control is a synthetic oligo containing a partial gene from Mycoplasma genitalium.

#### Recommended TaqMan one step PCR Assay

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

### Interpretation of Assay Results

<b>Input Type</b>	<b>* FAM (Target detection)</b>	<b>** HEX/VIC (PCR validation-)</b>	<b>Result</b>
Positive Control	<b>+</b>	<b>+/-</b>	<b>Valid</b>
Negative Control	<b>-</b>	<b>+</b>	<b>Valid</b>
Negative Control	<b>-</b>	<b>-</b>	<b>Invalid</b>
Sample	<b>+</b>	<b>+/-</b>	<b>Positive</b>
Sample	<b>-</b>	<b>+</b>	<b>Negative</b>
Sample	<b>-</b>	<b>-</b>	<b>PCR inhibited</b>

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

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

<b>Related Products</b>	<b>Product #</b>
Mycoplasma genitalium TaqMan PCR Kit	TM62150
TaqMan 2X PCR Master Mix	28340
Microbiome DNA Isolation Kit	64100
Swab Collection and DNA Preservation System	45690-B

#### 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](mailto:techsupport@norgenbiotek.com).