

***Mycoplasma* Primer and Control Set - 100 Reactions**  
Product # EP33110

Component	Product # EP33110 (100 Reactions)
Mycoplasma Primer Mix	3 x 70 µL
Mycoplasma Positive Control	3 x 50 µL
Nuclease-Free Water	1.25 mL

**Applications**

Primer and control sets for *Mycoplasma* detection using either:

- End-Point PCR
- Quantitative PCR (SYBR Green)

**Storage Conditions and Product Stability**

Store all the components at -20°C upon arrival.

**Precautions and Disclaimers**

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

**Procedures**

**Recommended Reaction Conditions:**

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

**Description**

The positive control is a cloned partial *Mycoplasma* DNA. The expected size of the *Mycoplasma* band is 327 bp on 1.4% agarose gel. For SYBR Green PCR the expected melting temp (°C) of the positive control is 86.0°C.

**Recommended PCR or SYBR Green PCR Assay**

PCR Cycle	Step	Temperature	Duration
<i>Cycle 1</i>	Step 1	95°C	3 min
<i>Cycle 2 (40x)</i>	Step 1	94°C	15 sec
	Step 2	60°C	30 sec
	Step 3	72°C	45 sec
<i>Cycle 3 (for End-Point PCR)</i>	Step 1	72°C	5 min
<i>Cycle 3 (for SYBR Green PCR)</i>	Step 1	65°C to 95°C	Increment 0.5°C for 5 sec
<i>Cycle 4</i>	Step 1	4°C	∞

**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).