

## Cryptosporidium TaqMan Probe/Primer and Control Set - 100 Reactions

Product #TM39110

Component	Product # TM39110 (100 Reactions)
Cryptosporidium Primer & Probe Mix	1 x 280 µL
Cryptosporidium Positive Control	1 x 150 µL
Nuclease-Free Water	1.25 mL

### Applications

TaqMan Probe/Primer and Control Set for *Cryptosporidium* 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:

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

### Description

The positive control is a cloned partial *Cryptosporidium* 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](mailto:techsupport@norgenbiotek.com).