

## ***Giardia intestinalis* TaqMan Probe/Primer and Control Set - 100 Reactions**

### **Product #TM43810**

Component	Product # TM43810 (100 Reactions)
G. intestinalis Primer & Probe Mix	3 x 70 µL
G. intestinalis Positive Control	3 x 50 µL
Nuclease-Free Water	1.25 mL

#### **Applications**

TaqMan Probe/Primer and Control Set for *Giardia intestinalis* 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.

#### **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:**

- G. intestinalis Primer Mix (2 µL per 20 µL PCR reaction)
- G. intestinalis Positive Control (2-8 µL per 20 µL PCR reaction)

#### **Description**

The positive control is a cloned partial *Giardia intestinalis* 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).