

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

Product #TM43810

Component	Product # TM43810 (100 Reactions)
G. intestinalis Primer & Probe Mix	1 x 280 µL
G. intestinalis Positive Control	1 x 150 µL
Nuclease-Free Water	1 x 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. 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:

- 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.