

Malaria TaqMan Probe/Primer and Control Set - 100 Reactions
Product # TM34810

Component	Product # TM34810 (100 Reactions)
Malaria Primer & Probe Mix	1 x 280 µL
Malaria Positive Control	1 x 150 µL
Nuclease-Free Water	1 x 1.25 mL

Applications

TaqMan Probe/Primer and Control Set for Malaria 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

- Real-Time PCR Instrument with multiple filter channel (FAM channel minimum)
- 2x PCR Master Mix
- **Optional** – Norgen's TaqMan 2X PCR Master Mix can be used for PCR validation purposes (Please see related products table below)

Procedures

Recommended Reaction Conditions:

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

Description

The positive control is a cloned partial Malaria DNA.

Recommended TaqMan PCR Assay

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

Interpretation of Assay Results

* FAM (Target detection)	** HEX/VIC (PCR validation-optional)	Result
+	+	Positive
-	+	Negative
-	-	PCR inhibited

* FAM channel for target detection with a regular 2x PCR Master Mix

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

Related Products	Product #
Malaria TaqMan Probe/Primer and Control Set	TM34810
Plasma/Serum Cell-Free Circulating DNA Purification Micro Kit	55500
Plasma/Serum Cell-Free Circulating DNA Purification Mini Kit	55100
Plasma/Serum Cell-Free Circulating DNA Purification Midi Kit	55600
Plasma/Serum Cell-Free Circulating DNA Purification Maxi Kit	55800
Saliva DNA Isolation Kit (Spin Columns)	RU45400
Urine DNA Isolation Kit (Slurry Format)	48800

Technical Support

Contact our Technical Support Team between the hours of 9:00 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.