

LightMix® OneTube Gastro Para I (RUO)

Qualitative multiplex PCR detection of gastro parasite targets for research use only testing on LightCycler® instruments.



Convenience



Consistency



Fewer plastics and less waste

Primer and probe sets have been premixed and combined for you, reducing error risks associated with complex mastermix preparation. Additionally, you'll receive fewer plastics creating less waste which can support your sustainability goals.

Streamline your workflow with pre-designed, pre-mixed multiplex primer/ probe sets, courtesy of TIB Molbiol, for use on LightCycler® platforms¹.



Product concept

1x vial with 7 sets of primer/probes for 96 reactions/20 µL volume.
1x vial Positive Control



Inclusivity

Qualitative multiplex PCR detection and discrimination of 5x gastrointestinal parasite targets : **1)** *Entamoeba histolytica*, **2)** *Giardia spp.* (inclusive, but not differentiating *G. intestinalis*, *G. duodenalis*, *G. microti*), **3)** *Dientamoeba fragilis*, **4)** *Cryptosporidium spp.* (inclusive, but not differentiating of *C. hominis*, *C. parvum*, *C. meleagridis*, *C. tyzzeri*, *C. wraii*, *C. erinace*, *C. cuniculus*, *C. ferret*, *C. fayeri*, *C. viatorum*) **5)** *Blastocystis spp.*



Exclusivity

1) *Giardia spp* (*G. ardeae*, *G. muris* and *G. psittaci*), **2)** *Cryptosporidium spp.* (*C. ubiquitum*, *C. canis*, *C. andersoni*, *C. felis*, *C. muris*, *C. ducismarci*, *C. proliferans*, *C. ditrichi*, *C. apodemi*, *C. baileyi*, *C. serpentis*)



Sensitivity

This assay detects 10 genome equivalent copies or less per reaction (plasmid DNA dilution).



Sampling

Typical specimens are feces, rectal swabs, or bacterial culture



Usage

Refer to **Instructions for Use**. Default thermal cycling protocol recommended.



Labelling

RUO²



Stability

18 months

¹Compatible with LightCycler® PRO and LightCycler® 480 II²

²For Research Use Only. Not for use in diagnostic procedures.

Reference: LightMix® OneTube Gastro Para I, Package Insert

Ordering Information

Product name	Reactions/volume	Material number
LightMix® OneTube Gastro Para I (RUO)	96 reactions/20 µL	10409380001
LightCycler® Multiplex DNA Master	200 reactions/20 µL	07339585001
	1000 reactions/20 µL	07339577001
PhHV Extraction Control (660)	96 reactions/20 µL	07093802001

For Research Use Only. Not for use in clinical diagnosis.

Channel configuration

Five optical channels are used to detect the following targets. The 660 channel is recommended for the PhHV Extraction Control

500	530	580	610	640	660
E. histolytica	Giardia	Dientamoeba	Cryptosporidium	Blastocystis	PhHV EC



LightCycler® PRO System

Reference: LightMix® OneTube Gastro Para I, Package Insert

LightMix® is a trademark of TIB Molbiol.
LIGHTCYCLER is a trademark of Roche.

© 2025
All rights reserved.

Published by
Roche Diagnostics
9115 Hague Road
Indianapolis, IN 46250

MC-US-17304

diagnostics.roche.com