

EntericPlex

Sharpen Your Focus

Research relevant pathogens.
Maximize efficiency with focused enteric panels.



- ▶ Choose from our range of concise enteric panels detecting common parasitic or bacterial gastroenteric pathogens.
- ▶ Single-well qPCR panels for cost-effective and rapid results that maximize your sample throughput.
- ▶ With up to five carefully selected targets, each Enteric**Plex** panel will suit your investigative needs

DATASHEET

EntericPlex Parasite*

Sharpen Your Focus

Assay Reagent

EntericPlex Parasite (Research Use Only)

Catalog Number

7151201

Description

EntericPlex Parasite is a 1-well, multiplex qPCR assay that simultaneously detects and differentiates: *Entamoeba histolytica*, *Giardia intestinalis*, *Dientamoeba fragilis*, *Cryptosporidium* spp. and *Blastocystis* spp. This mix includes an internal control for extraction and amplification.

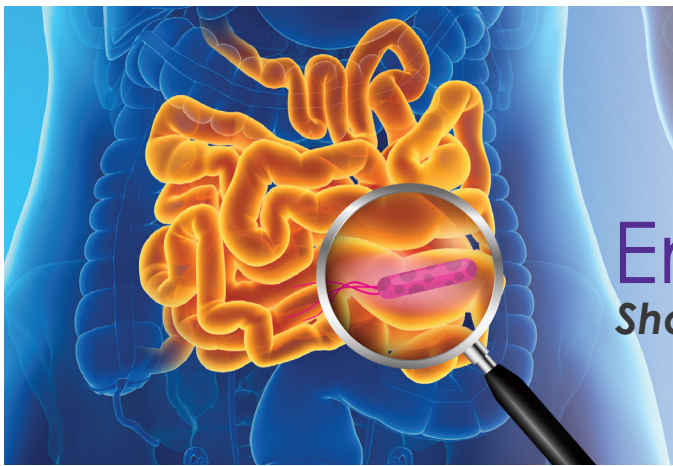
The EntericPlex Parasite kit is for research use only (RUO) and is not intended for use in diagnostic procedures.

Note: ENT-PAR Mix, 20x provided contains a fluorophore specific for the QuantStudio platforms.

Product Design			
Well	Channel	Target	qPCR cycling duration
1	1	<i>Entamoeba histolytica</i>	1 hr 40 minutes
	2	<i>Cryptosporidium</i> spp.	
	3	<i>Giardia intestinalis</i>	
	4†	<i>Dientamoeba fragilis</i>	
	5	<i>Blastocystis</i> spp.	
	6†	Internal Control	
Instrument Compatibility			
Extraction	Liquid Handling	Amplification	
Magnetic bead-based	Lab self-validation	QuantStudio 5 and QuantStudio 7	
Workflow Flexibility			
Total Reactions		Reaction Volume	
100		20 µL	
Shipping & Storage			
Shipping		Storage	
Reagents — dry ice/ice packs		Store protected from light between -25°C to -15°C	

*Research Use Only
Not for use in diagnostic procedures





EntericPlex Bacteria I*

Sharpen Your Focus

Assay Reagent EntericPlex Bacteria I (Research Use Only)

Catalog Number 7152201

Description EntericPlex Bacteria I is a 1-well, multiplex qPCR assay that simultaneously detects and differentiates: *Campylobacter* spp. (*C. jejuni*, *C. coli*, *C. upsaliensis*, *C. concisus*, *C. fetus*, *C. lari* and *C. ureolyticus*), Shiga toxin producing *E. coli* (STEC), *Salmonella enterica* and *Shigella* spp. (*S. sonnei*, *S. boydii*, *S. flexneri* and *S. dysenteriae*)[‡]. This mix includes an internal control for extraction and amplification.

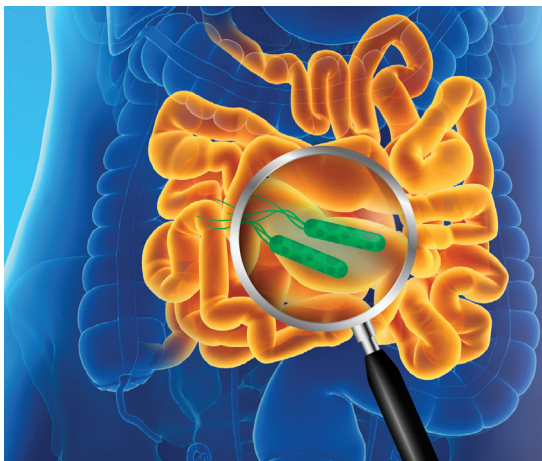
The EntericPlex Bacteria I kit is for research use only (RUO) and is not intended for use in diagnostic procedures.

Note: ENT-BAC I Mix, 20x provided contains a fluorophore specific for the QuantStudio platforms.

Product Design			
Well	Channel	Target	qPCR cycling duration
1	1	<i>Campylobacter</i> spp.	1 hr 40 minutes
	2	STEC	
	3 [†]	<i>Salmonella enterica</i>	
	4	<i>Shigella</i> spp.	
	5 [†]	Internal Control	
Instrument Compatibility			
Extraction	Liquid Handling	Amplification	
Magnetic bead-based	Lab self-validation	QuantStudio 5 and QuantStudio 7	
Workflow Flexibility			
Total Reactions		Reaction Volume	
100		20 µL	
Shipping & Storage			
Shipping		Storage	
Reagents — dry ice/ice packs		Store protected from light between -25°C to -15°C	

*Research Use Only
Not for use in diagnostic procedures





EntericPlex Bacteria II*

Sharpen Your Focus

Assay Reagent EntericPlex Bacteria II (Research Use Only)

Catalog Number 7153201

Description EntericPlex Bacteria II is a 1-well, multiplex qPCR assay that simultaneously detects and differentiates: *Vibrio parahaemolyticus*, *Aeromonas* spp. (*A. caviae*, *A. hydrophila* and *A. veronii*), *Yersinia enterocolitica*, *Plesiomonas shigelloides*, and *Vibrio vulnificus*. This mix includes an internal control for extraction and amplification.

The EntericPlex Bacteria II kit is for research use only (RUO) and is not intended for use in diagnostic procedures.

Note: ENT-BAC II Mix, 20x provided contains a fluorophore specific for the QuantStudio platforms.

Product Design			
Well	Channel	Target	qPCR cycling duration
1	1	<i>Vibrio parahaemolyticus</i>	1 hr 40 minutes
	2	<i>Aeromonas</i> spp.	
	3	<i>Yersinia enterocolitica</i>	
	4†	<i>Plesiomonas shigelloides</i>	
	5	<i>Vibrio vulnificus</i>	
	6†	Internal Control	
Instrument Compatibility			
Extraction	Liquid Handling	Amplification	
Magnetic bead-based	Lab self-validation	QuantStudio 5 and QuantStudio 7	
Workflow Flexibility			
Total Reactions		Reaction Volume	
100		20 µL	
Shipping & Storage			
Shipping		Storage	
Reagents — dry ice/ice packs		Store protected from light between -25°C to -15°C	

†Custom calibration required. Refer to the relevant QuantStudio platform system manual for calibration instructions. Contact SpeedX via tech@speedx.com.au for assistance.

*Cross-detection of Enteroinvasive *E. coli* (EIEC) in EntericPlex Bacteria I.

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