

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*, and *C. lari*), 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

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

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