



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.

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