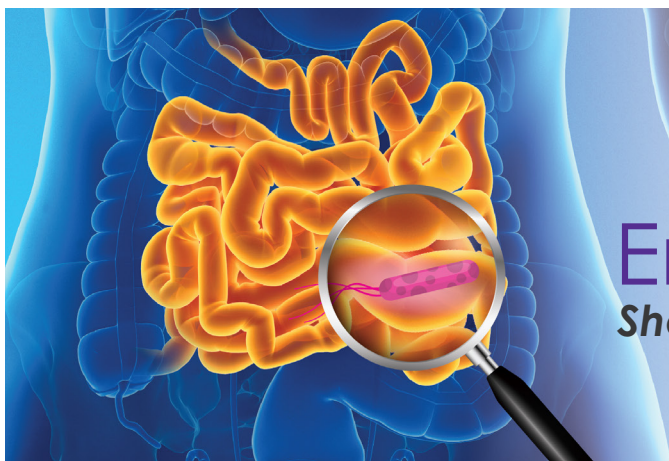


# EntericPlex Bacteria I\*

*Sharpen Your Focus*



**Assay Reagent** Enteric**Plex** Bacteria I (Research Use Only)

**Catalog Number** 7152201

**Description** Enteric**Plex** 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 Enteric**Plex** 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 |                       |

‡Cross-detection of Enteroinvasive *E. coli* (EIEC).

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

**Americas - SpeedX Inc.**  
 +1 512 200 6918  
 sales.us@speedx.com.au  
 1400 Barbara Jordan Blvd,  
 Austin TX 78723 USA

**Australia - SpeedX Pty Ltd.**  
 +61 (0)2 9209 4170  
 sales@speedx.com.au  
 Suite 102, 4 Cornwallis Street,  
 Eveleigh NSW 2015 Australia

**Europe - SpeedX Ltd.**  
 +44 (0)330 445 0036  
 sales.uk@speedx.com.au  
 Acre House 11/15 William Road,  
 London NW1 3ER United Kingdom