

Method:

- Semi-automated culture method with two separate automated enzyme activity detection
- $\beta$ -glucuronidase for E.coli and  $\beta$ -galactosidase for Total Coliforms, same as approved ref methods
- Auto-regulated incubation at 35.0°C  $\pm$ 0.5°C
- EC Limit of detection: 1 CFU/100mL E.coli
- TC Limit of detection: 1 CFU/100mL TC
- Automated quantitative reporting
- Up to 16 simultaneous samples per instrument

Ease of Use:

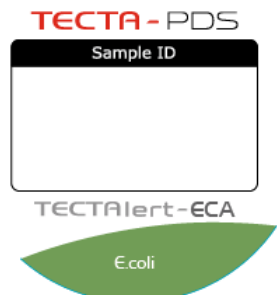
- All-in-one cartridge
- No media preparation
- No filtration
- Single use cartridge (no clean up)
- Shelf-life of 15 months from date of manufacture

Procedure:

- Pour 100mL of fresh water sample into TECTAlert-CCA cartridge (up to 100mL fill line)
- Swirl cartridge for up to 2 minutes to dissolve reagents in cartridge
- Select: TECTA-CCA-EC/TC test type
- Load Cartridge into TECTA B16 instrument

Time to Result:

- Early warning of contamination when bacteria is detected above designated thresholds
- Results immediately on display or by email
- Sample records stored in instrument
- 18h00 for <1 CFU/100mL E.coli or TC
- <12h15 for 100 CFU/100mL Total Coliform
- <10h30 for 1000 CFU/100mL E.coli



Method:

- Semi-automated culture method with automated enzyme activity detection
- $\beta$ -glucuronidase, same as approved ref methods
- Auto-regulated incubation at 41.5°C  $\pm$ 0.5°C
- Limit of detection: 1 CFU/100mL E.coli
- Automated quantitative reporting
- Up to 16 simultaneous samples per instrument

Ease of Use:

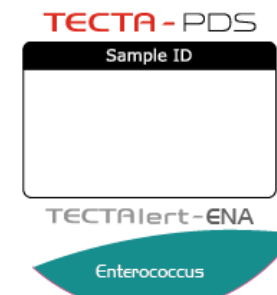
- All-in-one cartridge
- No media preparation
- No filtration
- Single use cartridge (no clean up)
- Shelf-life of 15 months from date of manufacture

Procedure:

- Pour 100mL of fresh water sample into TECTAlert-ECA cartridge (up to 100mL fill line)
- Swirl cartridge for up to 2 minutes to dissolve reagents in cartridge
- Select: TECTA-ECA-EC test type
- Load Cartridge into TECTA B16 instrument

Time to Result:

- Early warning of contamination when bacteria is detected above designated thresholds
- Results immediately on display or by email
- Sample records stored in instrument
- 16h00 for <1 CFU/100mL E.coli
- <9h00 for 100 CFU/100mL E.coli
- <8h30 for 250 CFU/100mL E.coli
- <8h15 for 500 CFU/100mL E.coli
- <8h00 for 1000 CFU/100mL E.coli



Method:

- Semi-automated culture method with automated enzyme activity detection
- $\beta$ -glucosidase, same as approved ref methods
- Auto-regulated incubation at 41.5°C  $\pm$ 0.5°C
- Limit of detection: 1 CFU/100mL Enterococcus
- Automated quantitative reporting
- Up to 16 simultaneous samples per instrument

Ease of Use:

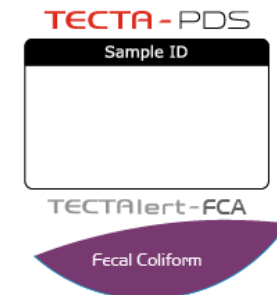
- All-in-one cartridge
- No media preparation
- No filtration
- Single use cartridge (no clean up)
- Shelf-life of 15 months from date of manufacture

Procedure:

- Pour 100mL of fresh water sample into TECTAlert-ENA cartridge (up to 100mL fill line)
- Add liquid reagents from the pre-measured tube.
- Swirl cartridge for up to 2 minutes to dissolve all reagents in cartridge
- Select: TECTA-ENA-ENTERO test type
- Load Cartridge into TECTA B16 instrument

Time to Result:

- Early warning of contamination when bacteria is detected above designated thresholds
- Results immediately on display or by email
- Sample records stored in instrument
- 24h00 for <1 CFU/100mL Enterococcus
- <9h45 for 100 CFU/100mL Enterococci
- <9h30 for 200 CFU/100mL Enterococci
- <9h00 for 400 CFU/100mL Enterococci
- <8h30 for 1000 CFU/100mL Enterococci



Method:

- Semi-automated culture method with automated enzyme activity detection
- $\beta$ -galactosidase, same as approved ref methods
- Auto-regulated incubation at 44.5°C  $\pm$ 0.5°C
- Limit of detection: 1 CFU/100mL Fecal Coliform
- Automated quantitative reporting
- Up to 16 simultaneous samples per instrument

Ease of Use:

- All-in-one cartridge
- No media preparation
- No filtration
- Single use cartridge (no clean up)
- Shelf-life of 15 months from date of manufacture

Procedure:

- Pour 100mL of fresh water sample into TECTAlert-FCA cartridge (up to 100mL fill line)
- Swirl cartridge for up to 2 minutes to dissolve reagents in cartridge
- Select: TECTA-FCA-FC test type
- Load Cartridge into TECTA B16 instrument

Time to Result:

- Early warning of contamination when bacteria is detected above designated thresholds
- Results immediately on display or by email
- Sample records stored in instrument
- 18h00 for <1 CFU/100mL Fecal Coliform
- <10h15 for 100 CFU/100mL Fecal Coliform
- <9h45 for 250 CFU/100mL Fecal Coliform
- <9h30 for 500 CFU/100mL Fecal Coliform
- <9h00 for 1000 CFU/100mL Fecal Coliform