

## CM 22350 - RAPID ENTEROCOCCI TEST KIT

### INTENDED USE

For rapid and easy identification & differentiation of Enterococci from water

### PRODUCT SUMMARY AND EXPLANATION

Enterococci are normal inhabitants of human gastrointestinal tract and may spread to cause urinary tract infections and wound infections. Enterococci are typically larger in size than *Streptococcus pyogenes* on blood agar medium. Rapid test includes identification and differentiation of Enterococci from water samples based on enzyme substrate reaction.

### KIT CONTAINS

Rapid enterococci medium dehydrated powder  
Sterile bottle 200ml

### PRINCIPLE

Rapid enterococci test medium contains essential nutrient required for the growth of Enterococci and a suitable inhibitor to inhibit accompanying bacterial flora specially gram negative organisms. The enzyme beta-D-glucosidase produced by Enterococci cleaves the chromogenic substrate, resulting in an intensive colour change in the broth from light yellow to blue green.

### INSTRUCTION FOR USE

- Carefully remove the bottle cap and collect 100ml water sample in provided bottle.
- Add Rapid enterococci medium into collected water sample.
- Quickly re-cap the test bottle and secure it tightly.
- Shake well to dissolve the medium completely and incubate at 35-37°C for 18 - 24 hours and take observation.

### QUALITY CONTROL SPECIFICATIONS

**Appearance of powder** : Cream to yellow colored, homogeneous powder  
**Appearance of Medium** : Light Yellow coloured clear solution on addition of water  
**Sterility Test** : Passes release criteria

### INTERPRETATION

Cultural characteristics observed after Incubation.

Microorganism	ATCC	Inoculum (CFU/ml)	Growth	Colour of the medium	Incubation Temperature	Incubation Period
<i>Enterococcus faecalis</i>	29212	50-100	Luxuriant	Bluish green	35-37°C	18-24 Hours
<i>Escherichia coli</i>	25922	50-100	Poor	Yellow	35-37°C	18-24 Hours

### STORAGE

Store the dehydrated powder in a dry place, in tightly-sealed containers between 10-25°C and protect from direct sunlight. The powder may be used up to the expiration date and incubated for the recommended incubation times.

**Product Deterioration:** Do not use if they show evidence of microbial contamination, discoloration, or any other signs of deterioration.

### DISPOSAL

After use, prepared media, specimen/sample containers and other contaminated materials must be sterilized before discarding as per standard protocol.



**QTY.**  
Quantity

**LOT/  
B. NO.**  
Lot / Batch Number

  
Temperature Unit

  
Manufacturer

  
Best Before

**GMP**  
Certification of  
Good Manufacturing Practices

**REF**  
Catalogue No.

**EC REP** MedNet GmbH  
Barkhausen 18,  
48163 Münster, Germany  
Authorized Representative

  
European Conformity

  
Consults Instructions for use :

  
QR  
Code

**IVD**  
For In Vitro Diagnostic Use

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

**\*For LabUse Only**

