

CM 22,747 - 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
Ludwigstr. 10,
81133 München, Germany
Authorized Representative

CE
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 Lab Use Only**

