

# Enterosystem 18R Reagent

Reagents for indole and Voges-Proskauer tests for use with Enterosystem 18R.

## DESCRIPTION

Enterosystem 18R Reagent is a kit containing the reagents Alpha Naphtol, NaOH 40%, Kovac's Reagent and Vaseline Oil necessary for the proper use of Enterosystem 18R (ref. 71618), a system for the identification of Gram-negative, oxidase negative, enterobacteria.

## KIT CONTENTS

- 1 x 10 ml vial of Alpha Naphtol.
- 1 x 10 ml vial of NaOH 40%.
- 1 x 10 ml vial of Kovac's Reagent.
- 2 x 40 ml bottles of Vaseline Oil.
- 1 instruction sheet.

## METHOD PRINCIPLE

Alpha Naphtol and NaOH 40% are used to carry out the Voges-Proskauer test into the well 10-VP.

Kovac's Reagent is used to carry out the indole test into the well 11-IND.

Vaseline Oil is used for the maintenance of a sufficiently anaerobic environment into the wells 2-LDC, 3-ODC, 4-ADC, 7-UR and 8-H<sub>2</sub>S.

## REAGENTS

- Alpha Naphtol: 6% (w/v) alpha naphthol dissolved in ethyl alcohol.
- NaOH 40%: 40% (w/v) sodium hydroxide in aqueous solution.
- Kovac's Reagent: 5% (w/v) *p*-dimethylaminobenzaldehyde dissolved in a solution of 25% hydrochloridric acid and 75% isobutyl alcohol.
- Vaseline Oil.

## TEST PROCEDURE AND RESULTS INTERPRETATION

Refer to the package insert provided with Enterosystem 18R.

## QUALITY CONTROL FOR THE USER

For each reagent, check positive and negative results by using suitable organisms, according to bibliographic references.

## PRECAUTIONS

Enterosystem 18R Reagent is classifiable as hazardous under current legislation; it is recommended that the Safety Data Sheet be consulted on its use. The product is intended for *in vitro* diagnostic use only and must be used in the laboratory by properly trained personnel, using approved asepsis and safety methods for handling pathogenic agents.

## STORAGE AND TRANSPORT CONDITIONS

Store at 2-8°C away from light in its original package, until the expiry date shown on the label. However, our stability studies have shown that the storage or transport at 18-25°C for 4 days, or at 35-39°C for 48 hours, do not alter in any way the performance of the product. Eliminate if signs of deterioration or contamination are evident.

## ELIMINATING USED MATERIAL

After use, used Enterosystem 18R Reagent and the material that has come into contact with the sample must be decontaminated and disposed of in accordance with the laboratory procedures for the decontamination and disposal of potentially infected material.











## BIBLIOGRAPHY

1. Murray, Baron, Pfaller, Tenorev and Tenover: Manual of Clinical Microbiology (1995).
2. Bayley and Scott's: Diagnostic Microbiology (1986).
3. Edwin H. Lennette: Manual of Clinical Microbiology (1995).

## PRESENTATION

Product	Ref.	Content
Enterosystem 18R Reagent	80252	100-200 tests

## TABLE OF SYMBOLS

 LOT	Batch code	 IVD	<i>In vitro</i> Diagnostic Medical Device		Manufacturer		Use by		Fragile, handle with care
 REF	Catalogue number		Temperature limitation		Contains Sufficient for <n> tests		Caution, consult accompanying documents		Do not reuse



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