

Product Name : Indole Test

Rapid test for detecting indole production.

CONTENT OF THE PACKAGES

Proteic Substrate Mixture 30 tubes
Kovac's- Reagent 3 mL
1 Instruction Sheet

INTERPRETATION

Indole Test is a rapid test to detect the production of tryptophanase.

PRINCIPLE OF THE METHOD

Microorganisms that produce tryptophanase hydrolyze tryptophan in indole, pyruvic acid and ammonia. The presence of indole can be detected through the use of Kovac's- Reagent. Kovac's- Reagent, which is yellow, reacts with indole and produces a red color on the surface of the test tube.

PROCEDURE

1. Take a tube from the kit.
2. Suspend using a sterile loop to well isolated colony from culture medium.
3. Inoculate the tube and incubate at 36°C for 1-4 hours till a maximum of 24 hours.
4. Add 2-3 drops of Kovac's- Reagent.
5. Interpret the results by referring to reactions table.

INTERPRETATION OF THE RESULTS

Interpret the results according to the table

Color of the medium	Indole Test
Presence of red ring	Positive
Absence of red ring	Negative



Klebsiella pneumoniae
ATCC 13883



Escherichia coli
ATCC 25922

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QUALITY CONTROL FOR USE

Each batch of Indole Test is submitted to the quality control using the following microorganisms :

Microorganism		Indole Production
<i>Escherichia coli</i>	ATCC 25922	+
<i>Klebsiella pneumoniae</i>	ATCC 13883	-

PRECAUTIONS

Indole Test is not classified as hazardous under current legislation, neither does it contain noxious substances in concentrations $\geq 1\%$. Indole Test is a disposable device to be used only for diagnostic use *in vitro*. It is intended for use in a professional environment and must be used in the laboratory by properly trained personal, using approved asepsis and safety methods for handling pathogenic agents.

STORE

Store Indole Test at 2-6 °C in its original package. In such conditions the product is valid until the expiry date shown on the label. Do not use after expiry date. Dispose of them if they show signs of deterioration.

DISPOSAL OF USED MATERIAL

After the use, Indole Test and the material that has come into contact with the sample must be decontaminated and disposed of in accordance with the laboratory procedures.

REFERENCES

1. MacFaddin. J.F. Biochemical tests for identification of Medical Bacteria. 2nd ed.. pp. 298-308. Baltimore, Williams &Wilkins, 1980.

PACKAGE

Cat. No : MB-88017 Indole Test	30 tubes Reagent 3 mL
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