
Product Name : Indole Test Stick

Rapid test on stick for determination of tryptophanase enzyme.

CONTENT OF THE PACKAGES

Indole Test 30 Stick
Indole Test Reagent 1 x 3ml
1 Instruction sheet

DESCRIPTION

Organisms that produce enzyme tryptophanase degrades the amino acid tryptophan into pyruvic acid, ammonia and indole. Indole is underlined by adding an aldehydic indicator that develops a strong green coloration. The test can be used to differentiate *Proteus* species and for presumptive identification of *Escherichia coli*.

N.B. It is necessary to perform indole test on colonies isolated from culture media containing tryptofane, like Plate count agar, Tryptic soy agar and others.

USE

- Pick up one stick from the container.
- With a pointed loop, touch the colony to subject to test and slide on the stick's edge.
- Add 2 drops of Indole Test Reagent.
- Development of an immediate Blue to blue-green coloration indicates positive reaction.

INTERPRETATION OF THE RESULTS

Interpret the results according to the table;

Color of the Stick	Indole Test Stick
Blue to blue-green	Positive
No color to light pink	Negative

QUALITY CONTROL

Each batch of Indole Test Stick is subjected to test for indole production, using bacterial strains :

Microorganism	Indole Test Stick
<i>Escherichia coli</i> ATCC 25922	+
<i>Proteus mirabilis</i> ATCC 25933	-

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STORAGE

Keep Indole Test Sticks at 2-6°C in their original packaging protected from sunlight. Keep them away from sources of heat and avoid excessive temperature fluctuations. In these conditions, Indole Test Sticks are valid until the expiry date shown on the label. Do not use them beyond that date. Dispose of them if they show signs of deterioration (sticks changes color).

REFERENCES

- Blazevic, D.J., and Ederer, G.M.: Principles of Biochemical Tests in Diagnostic Microbiology. pp. 63-67. New York, John Wiley & Sons, 1975.
- Vracko R. and Sherris J.C.: Indole-Spot Test in Bacteriology. Am. J. Clin. Pathol., 39: 429-432, 1963.

PACKAGING

Cat. No : MB-88032 Indole Test Stick	30 sticks
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