

BA068

KOVAC'S INDOLE REAGENT

Formula

Reagents:

p-dimethyl amino benzaldehyde	5.00 g
Amyl alcohol	75.00 ml.
Hydrochloric acid, concentrated	25.00 ml.

Directions:

Add 0.2 to 0.3 ml. of Kovac's reagent to 5 ml. of 18-24 hours old culture of organisms under study. Formation of red colored ring indicates Indole positive test.

Quality Control:

Appearance: Greenish yellow coloured clear solution.

Microbiological testing:

Characteristic reactions observed when reagent is added to growth in Tryptone broth (B1127) incubated for 18 - 24 hours at 35°C - 37°C.

ORGANISM	INDOLE REACTION
Escherichia coli. ATCC 25922	Positive reaction, red ring at the interface of the medium
Enterobacter aerogenes ATCC 13048	Negative reaction, no red ring

Warning & Precautions :

In Vitro diagnostic Use only. For professional use only. For Laboratory Use. Read the label before opening the container. Wear protective gloves/protective clothing/ eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets

Use: For detection of presence of indole produced by microorganisms due to tryptophan deamination.

Disposal:

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

Disclaimer:

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