

TECHNICAL SHEET

BDD024

KOVAC'S REAGENT STRIPS

SPECIFICATIONS:

APPEARENCE: Sterile filter paper strips of 60mm×5 mm impregnated with Kovac's reagent.

Directions:

Indole production by the organism is observed by inserting the Kovac's reagent strip between the plug and inner wall of the tube above the inoculated Peptone water (B035) and incubated at 35-37 °C for 18-24 hours.

Kovac's reagent is prepared by dissolving 5 gm of p-dimethyl aminobenzaldehyde in 75 ml of isoamyl alcohol and then slowly adding 25 ml of concentrated hydrochloric acid.

Cultural response:

Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours by inserting Kovac's Reagent Strips between the plug and inner wall of tube, above the inoculated Peptone Water (B035)

Organism (ATCC)	Growth	Indole Production
Escherichia coli (25922)	Luxuriant	positive reaction, pink Colour at the lower portion of the strip
Enterobacter aerogenes (13048)	Luxuriant	negative reaction, no Colour change

Precautions : For Laboratory Use.

Use: Kovac's Reagent Strips are used to detect Indole producing bacteria

Storage: Store at 2 - 8°C.

Packing :25 strips per vial

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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