

DIAGNOSTIC DISCS**50 discs Code:****DD 509**

Information for Use

ITEST INDOL**for the rapid detection of tryptophanase****Purpose and Usage:**

INDOL diagnostic discs are designed for detection of tryptophanase. The test enables a rapid presumptive differentiation of some *Enterobacteriaceae*, for inst. *E.coli* and *Y. pseudotuberculosis*, or *E. coli* and *Sh. sonnei*.

Principle:

The test is based on the detection of indol which develops at the enzymatic cleavage of tryptophan. The presence of indol is demonstrated by adding the solution of para-dimethylaminobenzaldehyde (Ehrlich reagents).

Technique:

Prepare a dense suspension (degree No. 3 of McFarland turbidity scale) from the examined strain in a test tube with 0.4 ml sterile distilled water. Put INDOL disc to the test tube with the suspension and incubate for 3 hours at 37°C. Add a drop of Ehrlich reagent after the incubation and observe the changes of colour.

Evaluation:

A red ring develops on the surface of the suspension if the reaction is positive (**INDOL +**). The ring is yellow if the reaction is negative (**INDOL -**).

Warning:

1. INDOL discs are designed for laboratory use only.
2. Keep the discs in a dark place at 2 – 8°C and use by the expiration date stated on the packaging.
3. Dispose unused IVD device and empty packaging according to Act no 185/2001 Coll., on Waste, according to following categories: 15 01 01 – paper packaging, 15 01 02 – plastic packaging, 15 01 07 – glass packaging, aluminium – 17 04 02, chemicals containing dangerous substances – 18 01 06. Dispose residue and unused IVD preparation in category 18 01 09 – other unusable pharmaceuticals. Dispose the waste, requiring special requirements for collection and removal with respect to prevention of infection, in category 18 01 03.