

**DIAGNOSTIC DISCS****50 discs****Code: DD 505**

Information for Use

**ITEST OXIDASE****for rapid detection of the oxidase activity****Purpose and Usage:**

OXIDASE diagnostic discs are designed for the rapid presumptive detection of cytochrome oxidase. The test differentiates, e.g. pseudomonads, aeromonads etc. from gramnegative enteric rods of the family *Enterobacteriaceae*.

**Principle:**

The principle is the detection of the cytochrome oxidase by the color reaction of ethyloxethylparaphenylenediamine with alpha-naphtol during which indophenol blue develops.

**Technique:**

Put the tested culture on the surface of the disc in shape of a line. Read the color reaction during 0.5 - 1 min.

**Evaluation:**

If the reaction is positive (Oxidase +) the inoculated line on the disc turns into deep blue to black. If the reaction is negative (Oxidase -) the inoculated line will stay colorless.

**Warning:**

1. OXIDASE 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.