

Oxidase Test Disc

Kit used for the identification and determination of cytochrome oxidase producing bacteria.

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Oxidase Test Discs	30 discs
Oxidase Test Reagent	3 mL
1 Instruction sheet	

Storage condition : Store at -20 to 0°C

• PROCEDURE

1. Take the disc from the refrigerator and leave it on the test bench at room temperature.
2. With a sterile loop, choose a well isolated bacterial colony.
3. Add 1 - 2 drops of Oxidase Test Reagent.
4. Incubate the stick at $36 \pm 1^\circ\text{C}$ for 10 - 30 minutes.
5. Observe the development or non-development. Observe the color change of the suspension at 10 minute intervals during the incubation.

• INTERPRETATION

Oxidase Test Disc is a kit used for the identification and determination of cytochrome oxidase producing bacteria. The test is used to distinguish the bacteria that possess the oxidase-cytochrome enzyme from those that do not. Microorganisms that produce the oxidase-cytochrome enzyme determine the immediate (within 10 - 30 minutes) development of a purple color. But organisms that do not produce the oxidase-cytochrome enzyme do not. **Oxidase Test Reagent is so sensitive to temperature that you should store at -20 to 0°C . If reagent's color turns to black, don't use and throw it away.**

• QUALITY CONTROL FOR USE

Appearance : Reagent - clear

Color : Reagent - light yellow

Incubation conditions : $36 \pm 1^\circ\text{C}$ 10 - 30 minutes

Microorganism		Oxidase Test
<i>Pseudomonas aeruginosa</i>	ATCC 27853	+
<i>Staphylococcus aureus</i>	ATCC 25923	-



• STORE

Store Oxidase Test Disc at -20 - 0°C away from light in its original package, until the expiry date shown on the label. Keep away from sources of heat and avoid excessive changes of temperature. Do not use after expiry date. Dispose of them if they show signs of deterioration. Eliminate if signs of deterioration or contamination are evident.

• PRECAUTION

The package of Oxidase Test Disc does not contain substances classified as hazardous under current legislation. The kit is used only for diagnostic use in vitro. After use, Oxidase Test Disc and the material that comes in contact with the sample must be decontaminated and disposed in accordance with the techniques used in the laboratory for decontamination and disposal of potentially infectious materials.

• PACKAGE

Cat. No : MB-88004 Oxidase Test Disc	30 discs 3 mL reagent
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